CONSTRUCTION NEWS

Supplement to ENGINEERING NEWS. New York, September 7, 1905.

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CONSTRUCTION NEWS.

PLANS AND SPECIFICATIONS ON FILE.

The following Plans (P.), Specifications (S), and Bidding Sheets (B. S.) may be seen at the office of The Engineering News Publishing Co., 220 Broadway, New York:

Bids close Sept.	Work.	Place.	On file.	See issue.
*9	Sewers	Boise City, Idaho	P. & S.	8-24
9	Pier	Boston, Mass.	S.	8-24
9	Derrick	Washington, D. C.	S.	8-10
*11	Water conduit	Toledo, O.	P. & S.	8-10
*12	Water-works	Franklin, Tenn.	S.	8-31
*13	Sewer	Lexington, Ky.	P. & S.	8-24
16	Hoist	Washington, D. C.	S.	8-10
*18	Ditch work	Council Bluffs, Ia.	S.	8-31
23	Dredging	Washington, D. C.	S.	9-7
*27	Pipe sewers	Haddonfield, N. J.	P. & S.	8-31
*29	Filters, basins, etc.	Cincinnati, O.	P. & S.	8-31
Oct.				
*3	Bridge	Natchitoches, La.	P. & S.	8-31
*4	Paving	Steelton, Pa.	P. & S.	8-31

*Work advertised in Engineering News.

LIST OF CONTRACTS PENDING.

Bids close. Work. Place. See issue.

LIGHT, HEAT AND POWER PLANTS

Sept. 8. Electric system, Fort Snelling, Minn. ....Sept. 7
Sept. 11. Street lighting, Knoxville, Tenn. ....Sept. 7
Sept. 13. Gas house, New York, N. Y. ....Sept. 7
Sept. 12. Power house, Washington, D. C. ....Aug. 31
Sept. 15. Electric light plant, Lagrange, Ga. ....Sept. 7
Sept. 18. Electric light system, Fort Myer, Va. ....Sept. 7
Sept. 25. Electric light plant, Reading, O. ....Sept. 7
Advertised, Engineering News, Sept. 7 and 14.
Sept. 27. Wiring, Baltimore, Md. ....Aug. 31
Sept. 30. Power plant, etc., Washington, D. C. ....Aug. 3
Advertised, Eng. News, Aug. 3 to Sept. 21.
Dec. 2. Water power, Porto Rico ....Aug. 17
Advertised, Eng. News, Aug. 17 to Sept. 14.
No date. Gas plant, Valdosta, Ga. ....Aug. 31

BRIDGES.

Sept. 7. Bridge, Delaware, O. ....Aug. 24
Sept. 7. Bridge, Norwalk, O. ....Aug. 24
Sept. 8. Bridges, O'Neill, Neb. ....Aug. 24
Sept. 8. Bridge, Albany, Ore. ....Aug. 24
Sept. 8. Bridges, Antietam, Md. ....Aug. 24
Sept. 8. Wagon bridge, Weaverville, Cal. ....Aug. 31
Sept. 11. Bridges, Chillicothe, O. ....Aug. 31
Sept. 11. Bridges, Moscow, Idaho ....Aug. 31
Sept. 11. Bridge, Newark, N. J. ....Sept. 7
Sept. 11. Culvert, Circleville, O. ....Sept. 7
Sept. 11. Bridge, Indianapolis, Ind. ....Sept. 7
Sept. 14. Flooring, Columbus, O. ....Aug. 31
Sept. 15. Bridge, Delaware, O. ....Sept. 7
Sept. 15. Bridge abutments, New Philadelphia, O. ..Sept. 7
Sept. 16. Bridge, New Philadelphia, O. ....Sept. 7
Sept. 16. Bridge, Mountainhome, Idaho ....Sept. 7
Sept. 16. Concrete bridge, Washington, D. C. ....Aug. 24
Advertised, Eng. News, Aug. 24 and 31.
Sept. 18. Bridges, steel, Virginia City, Mont. ....July 20
Sept. 19. Bridge, Upper Sandusky, O. ....Sept. 7
Sept. 22. Steel trestles, Wheeling, W. Va. ....Aug. 31
Sept. 25. Bridge, Washington, D. C. ....Aug. 31
Advertised, Eng. News, Aug. 31 to Sept. 28.
Sept. 29. Bridges, Springfield, O. ....Sept. 7
Sept. 30. Bridges, Porto Rico ....Aug. 3
Advertised, Eng. News, Aug. 3 to Sept. 21.
Oct. 1. Bridge, steel, Pensacola, Fla. ....Aug. 24
Oct. 2. Bridge, Port Orchard, Wash. ....Aug. 31
Oct. 3. Bridge, Natchitoches, La. ....Aug. 31
Advertised, Eng. News, Aug. 31 to Sept. 28.
Oct. 4. Bridge substructure, Chicago, Ill. ....Aug. 10
Advertised, Eng. News, Aug. 10.
Oct. 4. Bridge superstructure, Chicago, Ill. ....Aug. 10
Advertised, Eng. News, Aug. 10.

BUILDINGS.

Sept. 7. Hospital, Jersey City, N. J. ....Aug. 24
Sept. 8. Hospital, Prescott, Ariz. ....Aug. 24
Advertised, Eng. News, Aug. 24 to Sept. 14.
Sept. 9. Buildings, Fayetteville, Ark. ....Sept. 7
Sept. 9. Dwelling, etc., Philadelphia, Pa. ....Aug. 10
Advertised, Eng. News, Aug. 10 and 17.
Sept. 10. Office building, Omaha, Neb. ....Aug. 3
Sept. 10. School, Tallahassee, Fla. ....Aug. 17
Sept. 11. Residence, Hoboken, N. J. ....Sept. 7
Sept. 11. Buildings, San Francisco, Cal. ....Aug. 24
Sept. 11. School, Ft. Wayne, Ind. ....Aug. 31
Sept. 12. Dormitory, Galesville, Wis. ....Aug. 31
Sept. 12. Barracks, Portland, Me. ....Sept. 7
Sept. 13. Produce market, Baltimore, Md. ....Aug. 24
Sept. 14. Buildings, Shawnee, Okla. ....Aug. 24
Sept. 14. Hotel, Little Rock, Ark. ....July 6
Sept. 15. Office building, Hartford, Conn. ....Sept. 7
Sept. 15. Mfg. plants, Wilmington, Del. ....Sept. 7
Sept. 15. Vestibules, etc., Ft. Totten, N. Y. ....Aug. 31
Advertised, Eng. News, Aug. 31 to Sept. 21.
Sept. 15. Buildings, Independence, Cal. ....Aug. 31
Sept. 16. Cold storage plant (Mfg. Plants), Cleveland, O. ....Sept. 7
Sept. 18. Buildings (Mfg. Plants), St. Louis, Mo. ..Sept. 7
Sept. 18. Electric lighting, Washington, D. C. ....Sept. 7
Sept. 18. Building, Duluth, Minn. ....Aug. 24
Advertised, Eng. News, Aug. 24 to Sept. 21.
Sept. 19. Capitol building, Bismarck, N. Dak. ....Aug. 24
Sept. 19. Electric wiring, Toledo, O. ....Sept. 7
Sept. 20. Church, Beaumont, Tex. ....Sept. 7
Sept. 20. Buildings, Jocko, Mont. ....Aug. 31
Sept. 22. School, Oneida, Wis. ....Aug. 31
Sept. 25. Office building, Dallas, Tex. ....Sept. 7
Sept. 26. Elevators, Baltimore, Md. ....Sept. 7
Sept. 27. Electric wiring, Baltimore, Md. ....Sept. 7
Sept. 28. Heating and ventilating, Baltimore, Md. Sept. 7
Sept. 28. Buildings, Cheyenne Agency, S. Dak. ....Aug. 31
Sept. 28. Heating, etc., Baltimore, Md. ....Aug. 31
Advertised, Eng. News, Aug. 31 and Sept. 7.
Sept. 30. Building, Washington, D. C. ....Sept. 7
Advertised, Eng. News, Sept. 7 to Oct. 5.
Oct. 7. Building, Shreveport, La. ....Aug. 24
Oct. 12. Building, Fargo, N. Dak. ....Sept. 7
Advertised, Engineering News, Sept. 7 and 14.

WATER SUPPLY AND IRRIGATION.

Sept. 7. Water main extensions, Norfolk, Neb. ..Aug. 17
Sept. 7. Water system, building, Wash., D. C. ..Aug. 17
Sept. 11. Water conduit, Toledo, O. ....Aug. 10
Advertised, Eng. News, Aug. 10 to Aug. 31.
Sept. 11. Well, Fort Hancock, N. J. ....Aug. 17
Sept. 11. Engine, alternator, etc., Willmar, Minn. Sept. 7
Sept. 12. Water-works, Franklin, Tenn. ....Aug. 31
Advertised, Eng. News, Aug. 31.
Sept. 12. Water system, Arlington Heights, Ill. ..Sept. 7
Sept. 13. Intake, Chicago, Ill. ....Aug. 31
Sept. 14. Pumping machinery, Columbus, O. ....Aug. 3
Advertised, Eng. News, Aug. 3 to Sept. 14.
Sept. 15. Pipe, tank and trestle, Fort Myer, Va. ..Aug. 31
Sept. 15. Pipe laying, Cincinnati, O. ....Aug. 24
Sept. 16. Tower and tank, Montgomery, Minn. ....Sept. 7
Sept. 18. Intake, Albany, N. Y. ....Sept. 7
Sept. 18. Water pipe, Victoria, B. C. ....Aug. 17
Sept. 19. Pumps, hydrants, etc., Toronto, Ont. ....Aug. 3
Advertised, Eng. News, Aug. 3 to Aug. 24.
Sept. 19. Pumping engine, Burlington, N. J. ....Aug. 24
Advertised, Eng. News, Aug. 24 to Sept. 21.
Sept. 21. Pumping plant, Galveston, Tex. ....Aug. 24
Advertised, Eng. News, Aug. 24 and 31.
Sept. 23. Intake tunnel, Chicago, Ill. ....Sept. 7
Advertised, Engineering News, Sept. 7 and 14.
Sept. 28. Water tank, Vancouver Barracks, Wash. ..Aug. 31
Sept. 29. Filters, reservoirs, etc., Cincinnati, O. ....Aug. 31
Advertised, Eng. News, Aug. 31 to Sept. 21.
Oct. 3. Water and sewer system, Wash., D. C. ..Sept. 7
Oct. 5. Piping, Peru ....Aug. 17
Oct. 23. Water-works, electric plant, India ....Aug. 24
Oct. 26. Dam, canals, etc., Belle Fourche, S. Dak. Sept. 7
Advertised, Eng. News, Sept. 7 to Nov. 2.

SEWERAGE.

Sept. 7. Sewage, Ballston Spa, N. Y. ....Aug. 31
Sept. 7. Sewer, Delaware, O. ....Aug. 24
Sept. 7. Sewers, Washington, D. C. ....Aug. 24
Advertised, Eng. News, Aug. 24.
Sept. 9. Sewers, Boise City, Idaho ....Aug. 24
Advertised, Eng. News, Aug. 24 and 31.
Sept. 10. Sewer, So. Bend, Ind. ....Sept. 7
Sept. 11. Sewer, Indianapolis, Ind. ....Sept. 7
Sept. 11. Sewer, Defiance, O. ....Sept. 7
Sept. 11. Sewers, New Ulm, Minn. ....Sept. 7
Sept. 11. Storm sewer, Willoughby, O. ....Aug. 17
Sept. 11. Sewer, Lebanon, Ind. ....Aug. 31
Sept. 11. Disposal system, Washington, D. C. ....Aug. 31
Advertised, Eng. News, Aug. 31 and Sept. 7.
Sept. 12. Sewer, Nevada, Mo. ....Aug. 31
Sept. 12. Sewers, Dayton, O. ....Sept. 7
Sept. 12. Sewer, Youngstown, O. ....Sept. 7
Sept. 12. Sewer, Chicago, Ill. ....Sept. 7
Sept. 13. Sewers, Cincinnati, O. ....Sept. 7
Sept. 13. Sewer, Brooklyn, N. Y. ....Sept. 7
Sept. 13. Sewer, Ft. McIntosh, Tex. ....Sept. 7
Sept. 13. Sewers, Lexington, Ky. ....Aug. 24
Advertised, Eng. News, Aug. 24 and 31.
Sept. 14. Sewer system, Shawnee, Okla. ....Aug. 24
Sept. 14. Sewers, Reading, Pa. ....Aug. 31
Advertised, Eng. News, Aug. 31 and Sept. 7.
Sept. 15. Sanitary sewers, Ft. Worth, Tex. ....Aug. 31
Sept. 15. Sewer, Rushford, Minn. ....Sept. 7
Sept. 15. Sanitary sewer, Columbus, O. ....Sept. 7
Sept. 15. Sewer, St. Louis, Mo. ....Sept. 7
Sept. 18. Sewage, Carroll, Ia. ....Sept. 7
Sept. 18. Sewers, Indianapolis, Ind. ....Sept. 7
Sept. 19. Sewers, Niagara Falls, N. Y. ....Sept. 7
Sept. 20. Sewers, Salem, O. ....Aug. 31
Sept. 21. Sewer, Cincinnati, O. ....Sept. 7
Sept. 22. Sewers, Cincinnati, O. ....Sept. 7
Sept. 27. Sewers, Haddonfield, N. J. ....Aug. 31
Advertised, Eng. News, Aug. 31 and Sept. 7.
Oct. 10. Sewers, Norristown, Pa. ....Sept. 7
Advertised, Eng. News, Sept. 7 to Oct. 5.

STREETS AND ROADS.

Sept. 7. Paving, Memphis, Tenn. ....Aug. 31
Sept. 7. Paving, Iola, Kan. ....Aug. 24
Sept. 8. Road, Ashland, O. ....Aug. 31
Sept. 8. Paving and curbing, Lima, O. ....Aug. 31
Sept. 8. Paving, Waukegan, Ill. ....Aug. 31
Advertised, Eng. News, Aug. 31.
Sept. 9. Roads, Helena, Mont. ....Aug. 31
Sept. 9. Roads, Boise, Idaho ....Aug. 31
Sept. 9. Roads, Washington, Ind. ....Aug. 31
Sept. 11. Macadamizing, Janesville, Wis. ....Aug. 17
Sept. 11. Sidewalks, South Orange, N. J. ....Aug. 31
Sept. 11. Brick paving, Washington, D. C. ....Aug. 31
Advertised, Eng. News, Aug. 31.
Sept. 11. Paving, Louisville, Ky. ....Sept. 7
Sept. 11. Paving, etc., Indianapolis, Ind. ....Sept. 7
Sept. 11. Cement walks, Lebanon, Ind. ....Sept. 7
Sept. 12. Paving and curbing, Chillicothe, O. ....Sept. 7
Sept. 12. Grading, Youngstown, O. ....Sept. 7
Sept. 12. Road, Rockville, Md. ....Sept. 7
Sept. 12. Paving, Green Bay, Wis. ....Aug. 31
Sept. 12. Paving, Crookston, Minn. ....Aug. 31
Sept. 14. Gravel roads, Brazil, Ind. ....Sept. 7
Sept. 15. Roads, Brownstown, Ind. ....Aug. 31
Sept. 15. Road, Cincinnati, O. ....Aug. 24
Sept. 16. Stone road, Ottawa, O. ....Sept. 7
Seept. 18. Paving and curbing, Lima, O. ....Aug. 31
Sept. 18. Paving, Willoughby, O. ....Aug. 31
Sept. 18. Road, Napoleon, O. ....Aug. 31
Sept. 22. Stone, Madisonville, O. ....Sept. 7
Sept. 26. Paving, Cleveland Heights, O. ....Sept. 7
Oct. 4. Paving, Steelton, Pa. ....Aug. 31
Advertised, Eng. News, Aug. 31 to Sept. 21.

MISCELLANEOUS CONTRACTS.

Sept. 7. Dredging, New York, N. Y. ....Aug. 10
Advertised, Eng. News, Aug. 10 to Sept. 7.
Sept. 7. Laundry (Mfg. Plants), Toledo, O. ....Aug. 17
Sept. 7. Track materials, tools, New York, N. Y. ..Aug. 31
Sept. 7. Soil, gravel, cement, etc., N. York, N. Y. ..Aug. 31
Sept. 8. Dredging pumps, etc., St. Louis, Mo. ....Aug. 10
Advertised, Eng. News, Aug. 10 to Sept. 7.
Sept. 9. Derrick, Washington, D. C. ....Aug. 10
Sept. 9. Concrete work, Florida East Coast Ry. ..July 27
Advertised, Eng. News, July 27 and Aug. 31.
Sept. 9. Dredging, Charleston, S. C. ....Aug. 10
Advertised, Eng. News, Aug. 10 to Aug. 31.
Sept. 9. Pier, Boston, Mass. ....Aug. 17
Sept. 9. Construction, Kanawha & West Va. Ry. ...Aug. 31
Advertised, Eng. News, Aug. 31 and Sept. 7.
Sept. 10. Fence, Fort Wadsworth, N. Y. ....Aug. 17
Sept. 11. Ditch work, Des Moines, Ia. ....Aug. 24
Sept. 12. Portland cement, Washington, D. C. ....Aug. 24
Sept. 12. Dredging, New York, N. Y. ....Aug. 17
Advertised, Eng. News, Aug. 17 to Sept. 14.
Sept. 12. Machine tools, Washington, D. C. ....Aug. 10
Sept. 12. Crane, Washington, D. C. ....Aug. 10
Sept. 12. Concrete dam, Dayton, O. ....Sept. 7
Sept. 12. Mining tunnel, Jerome, Ariz. ....Sept. 7
Sept. 13. Dock work, Chicago, Ill. ....Sept. 7
Sept. 13. Lathe, machine tools, etc., Wash., D. C. ..Aug. 17
Sept. 14. Light-house, Tompkinsville, N. Y. ....Aug. 10
Advertised, Eng. News, Aug. 10 and 17.
Sept. 14. Levee, England, Ark. ....Aug. 31
Sept. 14. Dredging, New York, N. Y. ....Aug. 31
Advertised, Eng. News, Aug. 31 and Sept. 7.
Sept. 14. Jetty work, Newport, R. I. ....Aug. 31
Advertised, Eng. News, Aug. 31 and Sept. 7.
Sept. 14. Telegraph boxes, engines, N. York, N. Y. Sept. 7
Sept. 14. Dam repairs, Albany, N. Y. ....Sept. 7
Sept. 15. Tile drain, Boone, Ia. ....Aug. 31
Sept. 15. Canal excavation; Chattanooga, Tenn. ....Aug. 17
Advertised, Eng. News, Aug. 17 to Sept. 14.
Sept. 16. Hoist, Washington, D. C. ....Aug. 10
Sept. 18. Street sweeping machine, Sherman, Tex. Sept. 7
Sept. 19. Cable, tools, motors, etc., Wash., D. C. ..Sept. 7
Sept. 19. Tools, boilers, etc., Washington, D. C. ..Aug. 24
Sept. 19. Drainage ditch, Council Bluffs, Ia. ....Aug. 31
Advertised, Eng. News, Aug. 31 to Sept. 21.
Sept. 19. Retaining walls Hartford, Conn. ....Aug. 31
Advertised, Eng. News, Aug. 31 and Sept. 7.
Sept. 19. Electr'l supplies, steel, etc., Wash., D.C. Sept. 7
Sept. 20. Wash Borings, New York, N. Y. ....Sept. 7
Advertised, Eng. News, Sept. 7 and 14.
Sept. 20. Dredges, Chile ....Aug. 24
Sept. 20. Pier work, Grand Rapids, Mich. ....Aug. 24
Advertised, Eng. News, Aug. 24 to Sept. 28.
Sept. 20. Rock excavation, Newport, R. I. ....Aug. 31
Advertised, Eng. News, Aug. 31 to Sept. 21.
Sept. 22. Steel trestles, Wheeling, W. Va. ....Aug. 24
Advertised, Eng. News, Aug. 24 to Sept. 28.
Sept. 22. Rolling mill, etc., Washington, D. C. ....Aug. 31
Sept. 23. Dredging, Washington, D. C. ....Sept. 7
Sept. 25. Pier, India ....Aug. 24
Sept. 26. Elevators, Baltimore, Md. ....Sept. 7
Sept. 26. Ditch, VanWert, O. ....Sept. 7
Sept. 26. Tunnel, Montrose, Colo. ....Aug. 10
Advertised, Eng. News, Aug. 10 to Sept. 21.
Sept. 26. Telephones and cable, Washington, D. C. Aug. 31
Sept. 26. Portland cement, Billings, Mont. ....Aug. 31
Advertised, Eng. News, Aug. 31 to Sept. 28.
Sept. 27. Police telephone system, Kearney, N. J. ..Sept. 7
Advertised, Eng. News, Sept. 7.
Sept. 30. Track extension, Washington, D. C. ....Sept. 7
Sept. 30. Portland cement, Los Angeles, Cal. ....Sept. 7
Advertised, Eng. News, Sept. 7 to 28.
Oct. 3. Machine tools, Washington, D. C. ....Aug. 2
Oct. 3. Bricks, blower, etc., Washington, D. C. ..Sept. 7
Oct. 4. Pier extension, Grand Rapids, Mich. ...Sept. 7
Advertised, Eng. News, Sept. 7 to Oct. 5.
Oct. 10. Machinery, Washington, D. C. ....Sept. 7
Oct. 10. Harbor works, Egypt ....Aug. 17
Oct. 17. Earth embankment, Roswell, N. Mex. ....Aug. 24
Advertised, Eng. News, Aug. 24 to Oct. 5.
Oct. 25. Concrete dock, Chicago, Ill. ....Sept. 7
Nov. 1. Lock, dam, etc., Chicago, Ill. ....Sept. 7
Advertised, Eng. News, Sept. 7.
Nov. 6. Garbage disposal, New York, N. Y. ....Sept. 7
Advertised, Eng. News, Sept. 7 to Nov. 9.
Nov. 9. Wharf, etc., Havana, Cuba ....July 27
Dec. 1. Railroads, Philippines ....Sept. 7
Jan. 1. Statue, Indianapolis, Ind. ....July 20
Advertised, Eng. News, July 20.
Jan. 2. Railroad, Chile ....Aug. 24
No date. Excavation, Indianapolis, Ind. ....Aug. 24
Advertised, Eng. News, Aug. 24 and 31.

RAILWAYS.

The names of parties awarded contracts are printed in capital letters.

ALABAMA.—Surveys are reported as under way for a line of railway from Jacksonville to Anniston, this state. The Seaboard Air Line is reported as behind the movement. J. A. Montgomery, Birmingham, Ala., is stated to be in charge of the surveys.

ATLANTIC & BIRMINGHAM.—We are advised that contract for concrete work between Montezuma and Chattahoochee River has been let to JOHN KRIES & CO., Knoxville, Tenn., the firm being composed of John Kries and John G. Chaffin.

ASHLAND, ODANAH & MARENGO.—Company has been incorporated in Wisconsin to build a railroad from Odanah, Wis., in southeasterly line for 10 miles, west to Bad River, at Sedgwick, on the Duluth, South Shore & Atlantic Ry. Capital, $100,000. The incorporators are J. S. Stearns, Ludington, Mich.; L. K. Baker, Ashland, Wis.; John P. Gary, Chicago; George F. Merrill, Ashland; E. B. Hill and F. J. Darke, of Odanah.

ATCHISON, TOPEKA & SANTA FE.—This road, according to reports, is to spend over $600,000 before the end of 1906 in Arizona and New Mexico between Albuquerque and Ash Fork. Of this sum $15,000 is to be spent in improving the Albuquerque car shops, $250,000 in rebuilding and remodeling shops in Albuquerque during next year, $300,000 in bridges and ballasting track between Albuquerque and Williams, which work is now about half completed. Also $75,000 for a new hotel at Ash Fork, work on which is to begin within 60 days. R. J. Arey, Williams, Ariz., is Res. Engr.

BROXTON, HAZLEHURST & SAVANNAH.—This company has applied for a charter in Georgia. It will be 128 miles long and will extend from Osierfield, Ga., through Coffee, Appling, Tatnall, Liberty, Bryan and Chatham Counties, to Savannah, Ga. The incorporators include J. A. J. Henderson, who is president of the Ocilla & Valdosta Ry.; Reason Henderson, William Henderson, W. N. Smith, J. A. Pruitt, L. R. Tucker, John H. Powell, M. J. Paulk, J. D. Paulk and R. V. Paulk, all of Ocilla, Ga.

CHICAGO, BURLINGTON & QUINCY.—Double-tracking of the line between Beverly and Waldron, Mo., is said to be under consideration.

CENTRAL OF GEORGIA.—Bids are reported to have been received for building 24-mile extension of this road from Greenville to Newnan Junction, Ga. It is also stated that bids are being taken for widening the narrow gage line between Columbus, Ga., and Greenville, belonging to this road. H. M. Steele, Ch. Engr., Savannah, Ga.

CALIFORNIA.—A Paso Robles, Cal., report states that Mr. Horswell, of Oakland, Cal., Pres. of the Stone Canyon Coal Co., has been at that place completing work of securing right of way for the railroad to be built to the mines. The road is to be built by the coal company and the Southern Pacific Co. will operate the rolling stock.

CANYON CITY, PLAINVIEW & SOUTHEASTERN.—Right of way has been secured and preliminary surveys made as far as Lubbock for this road. It is also stated that final surveys were to be made by Sept. 15. The road is to be built at first only from Canyon City to Plainview, but the intention is, later, to pass through Lubbock, Gayle, Big Springs, Garden City, Sherwood, Eldorado, Sonora, Rock Springs, Bracketsville to Eagle Pass. The executive offices of the company are in the Railroad Exchange Bldg., Chicago, and Arcade Bldg., Nashville, Tenn., and among those interested are C. L. Tallmadge, Chicago; E. C. Gordon, Decatur, Ala., and Daniel C. Benton, Nashville, Tenn.

GALVESTON, HARRISBURG & SAN ANTONIO.—The attorney-general of Texas has approved amendment to charter of this road providing for the construction and operation of an extension of the Stockdale branch from that place to Cuero, a distance of about 40 miles. A. V. Kellogg is Engr. M. W., Houston, Tex.

HOUSTON, BEAUMONT & RED RIVER.—Advices from Jasper, Tex., of Aug. 28 stated that Edward Kennedy, Gen. Mgr. of the Houston, Beaumont & Red River Construction Co., was then at this place with his corps of engineers locating the line of the new railroad from Houston to Alexandria, La. This road will pass through Humble, Saratoga, Batson, Spurger, Jasper, Leesville, and on to Alexandria.

OREGON EASTERN.—This company has been incorporated at Portland, Ore., with a capitalization of $1,000,000, for the purpose of building a road from Natron, Ore., the present terminus of the Southern Pacific's Springfield Branch, to Ontario, Ore., a town on the eastern boundary of the State, half way between Huntington, Ore., and Boise, Idaho. The incorporators are railroad men connected with the Harriman lines.

PENNSYLVANIA.—Pittsburg reports state that the contract for a six mile double track road to form the connecting link between the Union R. R. of the Carnegie Steel Co. and the West Side Belt R. R., one of George J. Gould's lines, has been awarded to A. H. JACOBY & CO., of Hickory, Pa. The road will cost about $360,000.

PENNSYLVANIA R. R.—This road is stated to have awarded a contract for the construction of 16,000 new cars. Of this amount the PRESSED STEEL CAR CO. received orders for 8,300 cars. The balance was distributed among the other equipment companies including the AMERICAN CAR & FOUNDRY CO. and the STANDARD CO. This contract will take 160,000 tons of steel plates.

PITTSBURG & CROSS CREEK.—Company, with $70,000 capital, has been chartered in Pennsylvania, to build a 7-mile line in Washington County, Pa., connecting the Wabash and the Pittsburg, Cincinnati, Chicago & St. Louis Rys. The line will be run independently of either railroad. N. T. Sandford, of Pittsburg, is Pres., and the directors are J. W. Patterson, F. P. Patterson and D. Huston, also of Pittsburg; W. Craig Lee, of Burgettstown; B. U. Young and S. A. Wortman, of New Castle.

SOUTHERN.—The line of this road between Knoxville, Tenn., and Morristown, is to be double-tracked, according to advices from Knoxville.

SOUTHERN PACIFIC.—Orders have been placed by this road for 450,000 railroad ties for use in the construction of the branch from Tonopah, Nev., to Goldfields. They will be shipped direct from Portland, Ore.

SYLVANIA & GIRARD.—J. J. R. Morel, H. S. White, G. M. Overstreet, P. A. Mock, E. H. Hill, W. P. Williams, J. W. Overstreet, W. R. Lovett, R. L. Smit, G. M. Hill, J. A. Ennis, L. H. Hilton, all of Sylvania, Ga., and H. C. Perkins, of Augusta, Ga., have applied for a charter for the Sylvania & Girard Ry. The line will be 25 miles long. Capital stock, $10,000.

ST. LOUIS & DES MOINES.—Articles of incorporation of this company have been filed at Des Moines, La. They provide for a stock of $100,000, with the following incorporators as officers: Geo. J. Porter, Pres.; Frank N. Morley, Vice-Pres., and Albert F. Little, Sec. and Treas. It is reported that the company was organized in the interests of the Minneapolis & St. Louis to hold right-of-way options, etc., until the latter road is able to finance the project for a southern extension.

TEXAS.—A railroad is to be constructed to connect Abilene, Tex., with Munday, 80 miles distant. Final surveys of the route have been completed and it is stated that construction contracts will be let soon. The road is to extend from Abilene through Anson, Stamford, Haskell and Munday, each of these places having guaranteed a bonus. Major J. D. Beardsley, Gibsland, La., is promoting the project.

VINITA & WESTERN.—This railway, of which H. A. Genung, Vinita, Ind. T., is Ch. Engr., has a party in the field making location of lines, the preliminaries of which were recently finished, running from Vinita, west and northwest. The general contract for construction of the road has been let to the OSAGE CONSTRUCTION CO., with offices at Vinita, who have sub-let the first ten miles of grading to WINTER & WALT, of Joplin, Mo. The balance of the line, about 40 miles, will be sub-let, either in whole or in five or ten-mile sections within the next 30 days.

VIRGINIA.—The Virginia Ore & Lumber Co., Roanoke, Va., of which Frank A. Hill and H. D. Lafferty are promoters, has awarded a contract at $100,000 to THE VAUGHAN CONSTRUCTION CO., Roanoke, Va., for constructing twelve miles of standard railroad from Town Creek, forty miles south of Roanoke on the Roanoke & Southern, to Stuarts Knob, in Patrick County.

WABASH.—This railroad, it is reported, will place shortly a contract for new equipment, embracing among other things an order for 3,000 new steel coal cars. This rolling stock will be employed chiefly to relieve the Pittsburg district.

WACCAMAW RY.—Company has been chartered in North Carolina. Capital, $250,000. A railroad will be built from Oldtown to Lake Waccamaw, about 50 miles. The incorporators are: E. Nelson, Detroit; E. S. Hartwell, Chicago; J. E. Clark and W. H. Chadbourne, of Wilmington, N. C.

WEST MICHIGAN.—Company has filed articles of incorporation in Michigan. Capital, $700,000. Company will build from Benton Harbor and St. Joseph to Dowagiac, Cassopolis and Paw Paw and to Kalamazoo, a distance of 85 miles. The company reserves the right to use any kind of motive power.

WESTERN PACIFIC.—The contract for the construction of the section of this road through the Sierra Nevada Mountains is stated to have been let to the UTAH CONSTRUCTION CO., Salt Lake City, Utah. This section is 300 miles long and covers the heaviest portion of the work. The contract includes tunneling, grading and bridge work, and amounts to about $10,500,000.

ELECTRIC RAILWAYS.

The names of parties awarded contracts are printed in capital letters.

NATICK, MASS.—We are advised that the projected street railway of Natick, Sherborn & Mill Street Ry. Co., which has been in course of formation, has been abandoned for the present. The company was incorporated last May, with a capital of $200,000, to build a line through Natick and Sherborn to Millis, nine miles. W. E. Church, Sherborn, Mass., is interested.

MONSON, MASS.—Springfield & Eastern Street Ry. Co., Palmer, Mass., has asked franchise here. Proposed line is to start at the Foley farm, on the Palmer Road, over the cross road to Fentonville, on to Brimfield and Fiskdale, making connections for Worcester. The entire distance is about 14 miles.

LEICESTER, MASS.—The Selectmen have granted an extension of franchise until Nov. 1, 1906 to Worcester & Hartford Street Ry. Co. According to a statement of Geo. S. Taft, of Worcester, Mass., representing the street railway, the road will be built and in operation by that date.

SYRACUSE, N. Y.—Special meeting of stockholders of Auburn & Syracuse Electric R. R. was held Sept. 5 to vote on increasing capital stock from $1,500,000 to $2,000,000.

GLENCOVE, N. Y.—State Railroad Commission has granted Glen Cove R. R. Co. a franchise for 3½-mile single-track line to connect the steamboat landing at Glencove with the railroad station and thence to run by private right-of-way to Sea Cliff.

MOUNT VERNON, N. Y.—The Board of Aldermen have granted application of the New York, Westchester & Boston Ry. Co. for a perpetual franchise to cross over or under the streets of this city. The Westchester Co. has given a bond to begin work in the city within 60 days, and in the Bronx the construction work is already rapidly approaching Mt. Vernon.

NEW YORK, N. Y.—The Central Long Island Electric Light & Ry. Co. will make application at meeting of Board of Estimate in September for a franchise for a two-track electric line from the Manhattan terminal of the Blackwell's Island Bridge to Little Neck, in Borough of Queens. Following this an application will be made to the Nassau County authorities for a franchise to extend this line from Little Neck to Oyster Bay, through Great Neck, Port Washington, Roslyn and Glen Cove.

PORT CHESTER, N. Y.—The New York, New Haven and Hartford Railroad Company, which recently purchased the New York and Stamford trolley system, is negotiating here for right of way for a trolley extension from Port Chester to White Plains. It is proposed to construct a double track road, which will allow a high-speed schedule. The extension will be about seven miles long.

PITTSBURG, PA.—It is announced that the Southern Traction Co., Frank G. Patterson, Pres., will award contracts within a month for the construction of its line, 18 miles long, reaching Altoona, Hollidaysburg, Roaring Spring and Bedford on the south, and Johnstown, Ebensburg and Galilitzin on the north and west. About $450,000 will be required to build the road. Fitzgerald & Hamilton, Engrs., Pittsburg, made the surveys and estimates of cost.

CLEARFIELD, PA.—The Portage Electric Co. has been incorporated with $18,000 capital stock. H. A. Tompkins, Grant H. Thompson, P. F. Campbell, J. J. McDonald and E. T. McNeelis are named as the incorporators.

ROYALTON, PA.—A charter has been granted to the Royalton & Elizabethville Street Ry. Co. Capital stock is $6,000. One mile of road will be built in Royalton, which probably will be connected later with the line of the Central Pennsylvania Traction Co. William Trimble, of Philadelphia, is Pres. of the company. The directors are Samuel L. Hibberd, Jr., of Lansdowne; Charles H. Johnston, George H. Wolfe, Edward M. Raymond, and Leanton G. Souder, all of Philadelphia.

CATAWISSA, PA.—The Catawissa & Numidia St. Ry. Co. will build a line 6.7 miles long from Catawissa, through Roaring Creek, to Numidia. Preliminary survey was run last June, since when nothing has been done, we are informed. W. G. Yetter is Ch. Engr. and Charles E. Randall is Pres., at Catawissa.

PITTSBURG, PA.—Horace F. Baker, Hugh H. Lyon and Coleman E. Andel have formed a company called the East End Tunnel Co., for the construction and maintenance of a tunnel beginning in the Third Ward of this city and extending to a point under the Intersection of Wylie Ave. and Granite St. The same parties are interested in the formation of the Bayard Street Ry. Co., which proposes to operate in this city. Applications for incorporation for both companies were to be made Sept. 5.

PATTON, PA.—We are advised that surveys have been completed and right-of-way secured for the construction work of the Northern Cambria Street Railway. The necessary capital has been obtained and contracts have been let, LEMING BROS. being contractors for the whole line, grading on which is nearly done, and two miles of track laid and poles set. Westinghouse equipment, Ball engines and Stirling boilers are to be used. E. W. Hess, Clearfield, Pa., is Ch. Engr.; W. H. Denlinger, Patton, Pa., is Pres. The projected length of the road is 12 miles.

NORFOLK, VA.—We are informed that all right-of-way practically has been secured for proposed electric line of Ocean View & Pine Beach Ry. Co. The capital for construction purposes has not been subscribed as yet, and date for letting construction contracts is indefinite. Road is to connect Ocean View with Pine Beach. H. L. Page, Norfolk, Va., is Pres.; M. C. Elliott is Secy. and Treas.

STAUNTON, VA.—We are advised that Virginia Valley Traction Co. is now securing right-of-way for its proposed 17-mile line. The capital for construction has been secured and contracts will be let about Nov. 1. The motive power is to be gasoline. H. B. Sproul, Staunton, Va., is Pres.; H. G. McGary, Middlebrook, Va., Secy., and J. Lewis, Staunton, Va., Ch. Engr.

BLUEFIELD, W. VA.—The Tannerton Traction & Amusement Co. will apply for a street railway franchise in this place.

CHARLOTTE, N. C.—W. S. Lee, Gen. Supt. Construction Dept. Southern Power Co., has awarded contract for construction of a railroad from Fort Lawn, in Chester county, to the Great Falls of the Catawba River, to STEWART & JONES, general contractors. The distance is 10 miles.

ANDERSON, S. C.—It is reported that R. S. Ligon, J. M. Sullivan and George E. Coughlin, of Anderson; Dr. R. F. Smith, of Easley S. C., and J. E. Boggs, of Pickens, S. C., are interested in a plan for an electric railway to connect Anderson and Easley, a distance of 26 miles.

WAYCROSS, GA.—A. Sessons, C. M. Sweat, J. M. Bell, John T. Myers and others have made application to the city council for a 25-year franchise to operate a street car line in Waycross to be known as the Waycross Street & Suburban Ry. Co.

ATLANTA, GA.—Application has been made for a charter for the Atlanta-Macon Interurban Ry. Co. T. B. Felder, Jr., Atlanta, Ga.; J. Albert Johnson, Greenwood, Ind., and George H. Williamson, of Atlanta, Ga., are among those interested. The capital will be $100,000 and the proposed line of interurban road will extend through the Counties of Fulton, Clayton, Henry, Spalding, Pike, Monroe and Bibb, and through the cities of Atlanta, Jonesboro, Hampton, Griffin, Barnesville, Forsythe and Macon.

RUSSELLVILLE, O.—We are informed, in connection with the Cincinnati, Georgetown & Portsmouth Ry. Co.'s proposed extension from Georgetown to Portsmouth, O., that company has construct[illegible] is progress between Russellville and Eag[illegible] eek, three miles, in the direction of [illegible] mouth. Beyond Eagle Creek company [illegible] made no arrangements to build at pres[illegible] This company is building the Felicity & [illegible] hel R. R., nine miles. A. H. Elfner, C[illegible] nati, is Supt.

TOLEDO, O.—The [illegible] N. Hirsch Construction Co. has pla[illegible] contracts for building the Toledo, A[illegible] bor & Detroit electric line, the last [illegible] let Aug. 26 to ARBUCKLE-RYAN & [illegible] ledo, and calls for the placing of the [illegible] plant for operation of power house a[illegible] sburg. Electrical equipment will [illegible] ished by General Electric Co., and [illegible] Niles Car Co., Niles, O., will furnish [illegible] 35 miles of right of way have been g[illegible]

CONNERSVILLE, IN[illegible] erstate Traction Co., H. E. Long, M[illegible] yton, O., will, it is stated, have con[illegible] work commenced the latter part of [illegible] month. The road is to connect Dayton [illegible] Connersville, via Soldiers' Home, Fa[illegible] ville, Camden and Liberty.

EVANSVILLE, IND.—We [illegible] informed that eight miles of grading for [illegible] line of the Evansville & Mt. Vernon [illegible] ric Ry. Co. have been completed. W. L. [illegible] NTAG, Evansville, Ind., having the con[illegible] to build and equip the road. The proje[illegible] length is 17 miles and road is to conne[illegible] Evansville and Mt. Vernon. Wm. M. Ford, [illegible] New Harmony, Ind., is Pres.; Jas. J. Lee, [illegible] Evansville, Ind., is Ch. Engr.

LANSING, MICH.—We are advised that projected length of line of Lansing & Battle Creek Traction Co. is 48 miles. The road is to pass through Lansing, Potterville, Charlotte, Olivet, Bellevue and Battle Creek. A. R. Putnam, Valparaiso, Ind., is Pres.

CHAMPAIGN, ILL.—We are advised that R. A. McCracken, E. D. Risser, C. E. Rollins and C. O. Patton have bought the Kankakee Electric Ry., and will rebuild it and also build an extension and re-equip the road. The above mentioned parties are also interested in the Chicago, Kankakee & Champaign Electric Ry., for which they hold a charter. Nothing will be done about the last mentioned road until the matter of the Kankakee road is worked out. R. A. McCracken, Paxton, Ill., is Pres., and C. C. Brown, Commercial Club Bldg., Indianapolis, Ind., is Ch. Engr.

CHICAGO, ILL.—We are informed that surveys have been completed and right of way secured, except a few short tracts, for the Chicago, Bloomington & Decatur Ry. Construction capital has been secured, and CENTRAL ILLINOIS CONSTRUCTION CO. has contract. About 15 miles of grading has been done and ten miles of track laid. Poles are erected for about 15 miles. It is proposed to build 44 miles of road this year. W. B. McKinley, Champaign, Ill., is Pres.; G. M. Mattis, Asst. Secy., Champaign, Ill.

GRINNELL, IA.—We are advised that the Arnold Co., 1538 Marquette Bldg., Chicago, Ill., Engineers for the Grinnell Interurban Ry. Co., have made only a preliminary report on the projected road. Projected length is 30 miles and road is to connect Grinnell and Belle Plaine, Ia. O. K. Cole, Grinnell, is Pres.

AMES, IA.—We are advised that location survey for Iowa Valley Interurban Ry. has been completed. No right of way nor construction capital has been secured. Projected length of this railway, the motive power of which is to be gasoline, is 30 miles and its route is Belle Plaine to Keystone to Garrison to Vinton. G. W. Voss, Belle Plaine, Ia., is Pres.; F. C. French, Ames, Ia., is Ch. Engr.

SAN MARCOS, TEX.—We are advised that surveys have been completed for projected line of San Marcos Valley Interurban Ry Co. Right-of-way has been obtained and capital secured. Bids for construction work are to be asked this month. A. T. Fisher, 329 Frisco Bldg., St. Louis, Mo., is Pres.; George W. Megrew, Kiam Bldg., Houston, Tex., is Ch. Engr.

SULPHUR, IND. T.—We are informed that on Aug. 29 the Oklahoma City, Lexington & Sulphur Springs Electric Ry. Co., Joy Sherman, Pres., and the Colonial Construction Co., E. P. Spears, Pres. and Gen. Mgr. closed a contract with the LOVEJOY CONSTRUCTION CO., of Texas, to construct ten miles of road from Davis to Sulphur. The contract for construction of line from Davis to Wynnewood, Ind. T., was under consideration. Work was to be started at Sulphur on Sept. 4. The Missouri-Lincoln Trust Co., St. Louis, Mo., underwrites the bonds. F. P. Moseley, Lexington, Okla., can probably give further information.

Another correspondent writes us that contract for construction work on this road will be let about Sept. 15. Projected length of road is 23 miles.

LIGHT AND POWER PLANTS.

The names of parties awarded contracts are printed in capital letters.

OLD TOWN, ME.—Contract for building dam at Gilman Falls for Bodwell Water Power Co. is stated to have been let to W. A. CHAPMAN & CO., Providence, R. I.

SHELBURNE, N. H.—Contract for construction of a dam across the Androscoggin River and power house has been let to WARD BROS., Berlin, N. H. Total cost of work is estimated at between $75,000 and $100,000. It is expected to develop at least 1,200 HP. and the Berlin Electric Light Co. will transmit this to Berlin. G. N. MacMillan, a summer resident here, is also interested in power development and has awarded a contract to FRED. G. STUART, Gorham, N. H., for building a canal, penstock and gates. Mr. MacMillan, it is said, proposes to develop electricity for lighting his buildings and grounds.

HOLYOKE, MASS.—Holyoke Water Power Co. has awarded contract for its boilers, bleacher and smake flues to the HOLYOKE

STEAM BOILER WORKS. Other contracts awarded by this company were noted in our issue of Aug. 24.

NORFOLK, CONN.—Mayor George H. Buxton is to appoint a committee to consider matter of a municipal electric light plant for the city.

ROCHESTER, N. Y.—Niagara Falls Electrical Transmission Co. has applied for franchise to p[illegible] electric light, heat and power in this city.

ALBANY, N. Y.—The Suffolk County Lighting Co. [illegible]med to manufacture gas and electricity [illegible] lighting in the villages of Suffolk and Nassau Counties, has been incorporated with a capital of $50,000. George A. Hickey and W. H. Morgan, of New York City, are directors.

NEW YORK, N. Y.—Bids are asked by Board of Health, 55th St. and 6th Ave., until 10 a. m., Sept. 13, for furnishing labor and furnishing and erecting all the materials necessary or required to complete a gas house at the Riverside Hospital, North Brother Island, Borough of the Bronx, City of New York.

PITTSFORD, N. Y.—Public meeting has been held to consider lighting village streets by electricity. Deepatch Heat, Light & Power Co. has made proposition for a contract.

SHARON, PA.—The Mahoning & Shenango Railway & Light Co., the new corporation which includes all of the merged street railway and light plants in this section, has provided for an issue of $10,000,000 bonds, from which $3,000,000 will be available for extensions and improvements.

SINKING SPRING, PA.—Cumru Township Electric Light, Heat & Power Co., capitalized at $5,000, has applied for a charter. The company proposes to furnish light to Shillington and Edison, and will obtain power from the Sinking Spring Electric Light, Heat & Power Co., whose plant will be enlarged. Wm. F. Krick, Sinking Spring, and Henry S. Yost, Sinking Spring, are Pres. and Secy. of the new company. Both Mr. Krick and Mr. Yost are also interested in the Sinking Spring Co.

ALLENTOWN, PA.—Harry C. Trexler, Pres. the newly reorganized Lehigh Valley Transit Co., has signed contracts with the GENERAL ELECTRIC CO., Schenectady, N. Y., for an entirely new outfit of machinery at the local power house. The cost is about $300,000.

HYATTSVILLE, MD.—Town Council is considering installation of an electric lighting system to take place of present plant. The cost would be about $6,000. Councilman Chas. H. Long is interested.

FORT MYER, VA.—Bids are asked by Capt. A. W. Butt, Q. M., U. S. A., Washington, D. C., until 2 p. m., Sept. 18, for constructing addition to electric lighting system at signal corps post, Fort Myer.

ASHLAND, VA.—Electric light and power company, capitalized at $100,000, has applied for charter. Company is to be operated in connection with the proposed electric railway from Richmond to Ashland, and principal office will be at this place. Henry W. Anderson will be President, and among the other officers or directors will be T. S. Wheelwright, of Richmond, and E. L. C. Scott, of Ashland.

JACKSON, GA.—An election was to be held Sept. 5 to vote on a proposition to issue $39,000 bonds for water-works and electric light.

LAGRANGE, GA.—Bids are asked by Electric Light Commission, S. H. Truitt, Chn., until Sept 15 (change of date) for all machinery and construction work and building for a complete electric light plant. Roy Dallis, Cy. Engr.; Ludwig & Co., Engrs., 513 Empire Bldg., Atlanta, Ga.

CLINTON, TENN.—Council has passed on first reading an ordinance granting to Wm. B. Crawford, of Oliver Springs, Tenn., a 20 years' franchise to erect an electric light and water-works plant for Clinton. The franchise provides that work shall begin on the electric light plant in 90 days and on the water-works plant in six months, the plants to be constructed and ready for service within one year.

KNOXVILLE, TENN.—Bids are asked by Wm. Epps, Chn. Board Public Works, until noon, Sept. 11, for lighting city streets for three or five years.

CHATTANOOGA, TENN.—R. H. Hunt, Arch., has plans for lock and dams plant for the Chattanooga & Tennessee Power Co. About 50,000 HP. is expected to be developed.

CAMPBELLSVILLE, KY.—Campbellsville Lighting Co., J. L. Atkinson, Pres., according to reports, will erect an electric light plant, to cost $5,000.

TOLEDO, O.—Council has passed resolution calling for the issuance of bonds amounting to nearly $500,000 for the construction of a municipal lighting plant.

READING, O.—Bids are asked by Trustees Public Affairs, C. V. Dils, Clk., until 6 p. m., Sept. 25, for machinery for village electric light plant. Work will consist of installation of new boilers and removal of old ones, installation of new engine and resetting of old one, and installation of electrical generators, switchboards, etc. George Hornung, Consult. Engr., Cincinnati, O. (Advertised, Engineering News.)

MONROE, MICH.—Special election will be held Sept. 11 to vote on selling municipal electric plant to General Construction Co., Ltd. Detroit, Mich., and making ten-year contract with that company. Plant is to be sold for $25,000.

PEKIN, ILL.—City has awarded contract to CITIZENS' GAS & ELECTRIC CO. for street lighting, at $644 per month.

SPRINGFIELD, ILL.—City Council has adopted the resolution authorizing and empowering Mayor Devereaux to take over the light plant as soon as it can be obtained.

MADISON, WIS.—State Board of Control has awarded contract for electrical machinery for lighting plant at state hospital for the insane at Mendota, to the NORTHERN ELECTRIC MFG. CO., Madison, Wis., for $6,135. Contract for electrical machinery for lighting plant at state prison at Waupun was let to GENERAL ELECTRIC CO. for $5,727.

GREENWOOD, WIS.—City has voted to issue $15,000 of bonds for water power electric light plant. W. D. Lovell, of Minneapolis, Minn., has submitted a bid for construction of the plant on the Black River.

ALMOND, WIS.—Electric light plant franchise has been asked of village board.

FORT SNELLING, MINN.—Bids are asked by R. M. Schofield, Q. M., U. S. A., St. Paul, Minn., until 11 a. m., Sept. 8, for construction of an addition to electric system at Fort Snelling.

ST. PAUL, MINN.—St. Paul Gas Light Co. has awarded contract for superstructure of addition to its Hill St. plant to NEWMAN & HOY for $25,000. Contract for structural iron work was let to ST. PAUL FOUNDRY CO. for $10,000.

OTTAWA, KAN.—Council has passed ordinance granting C. H. Pattison, of the Kansas Natural Gas Co., a franchise for furnishing natural gas. Franchise also includes furnishing of electric light.

HOT SPRINGS, S. DAK.—Contract for construction of power house at Battle Mountain Sanitarium, Hot Springs, has been let to L. G. LARSON, Plattsmouth, Neb., for $16,520.

PLUMA, S. DAK.—Contract for new power house of Consolidated Power & Light Co. at this place has been let to PHILLIPS & BARTLETT, Deadwood, S. Dak., for $22,000.

HELENA, MONT.—Local reports state that the Helena Power Transmission Co., M. H. Gerry, Jr., Ch. Engr., has awarded the first of a series of contracts, aggregating $1,500,000, for building a dam across the Missouri River, near here, to the WISCONSIN BRIDGE CO., of Milwaukee, Wis. This contract calls for the steel to be used in the dam proper, and it will form, with masonry, the bulwarks for damming the waters of the river at a point twelve miles from Helena. The remaining contracts were to be let at once. About 20,000 HP. is to be developed.

LUXORA, ARK.—We are informed that electric plant of Luxora Water & Light Co. is to be operated by steam, is to have capacity of 600 16-c. p. incandescent lights, and is to cost $3,000. Wm. and C. B. Wood are owners.

EL PASO, TEX.—W. A. Hawkins, of El Paso, and associates are reported to contemplate erecting electric power plants on the Sacramento River in New Mexico.

AUSTIN, TEX.—An appropriation of $10,000 is under consideration for bettering light and water plants of this city. John H. Robinson, Jr., is member Water and Light Commission.

ROFF, IND. T.—F. W. Dunn contemplates establishment of gas plant here.

MUSKOGEE, IND. T.—Council has granted four franchises to furnish natural gas to this city to the following persons: Judge H. G. Baker, Butte and Bliss; Zevley, Givens and English, and C. C. Magee.

ALBUQUERQUE, NEW MEX.—Horatio Farrell, 618 So. John St., writes us that specifications are wanted for a small generating power plant—engines and generators direct connected, alternating current, 3-phase 100 KW., etc. It is desired to build the plant at once, and the fullest data regarding the building of the same are wanted.

BELLINGHAM, WASH.—We are informed that plant of Bellingham Bay Improvement Co. will be complete in eight months. The plant, the est. cost of which is $500,000, is located 50 miles from Bellingham, and will utilize at once 170 ft. fall; ultimately a 500-ft. fall will be used. Present development is 4,000 HP., but in the future 20,000 HP. will be developed. All tunnel, rock and pipe work is done and one 1,500-KW. machine is at the ground. J. J. Donovan, Gen. Mgr., is official in charge.

TULARE, CAL.—Columbian Oil Co., C. B. Colby, Pres., Bakersfield, Cal., is stated to be considering the matter of construction of an electric power plant in this district.

AMERICAN FORK, UTAH.—J. H. Bigger and J. E. Hill, Salt Lake City, Utah, have filed application with state engineer for 22 ft. of water from American Fork Creek. It is said that they expect to develop 950 HP. for electric lighting and for propelling machinery in the American Fork Mining District.

BRIDGES.

The names of parties awarded contracts are printed in capital letters.

CONCORD, N. H.—H. Bissell, Ch. Engr. B. & M. R. R., Boston, Mass., informs us in reference to proposed bridges here, that no plans have yet been made as the company is waiting action of local authorities and railroad commissioners. Previously noted.

PITTSFIELD, MASS.—Dwyer Bros., of Dalton, were the lowest bidders, at about $9,200, for construction of Second St. bridge.

ATTLEBORO, MASS.—The selectmen at a special meeting held Aug. 31 awarded the contract for new bridge over Ten Mile River to the OSWEGO (N. Y.) BRIDGE CO., at $1,600.

NEW YORK, N. Y.—All bids received Aug. 24 by Park Commissioners for repairing Terrace Bridge in Prospect Park, Brooklyn Borough, were rejected. The following bids were submitted: Cooper & Evans, 220 Broadway, $15,879; Bart Dunn, 253 East 68th st., $16,304.

NEWARK, N. J.—Sealed proposals will be received by Board of Chosen Freeholders until 3 p. m., Sept. 11, for recovering a bridge on Parsonage Hill Road with iron beams and brick arches. Wallace Ougheltree, Chn.

EASTON, PA.—A. J. Cooper, County Engr., informs us that the contract for erecting steel bridge for Northampton County has been let to EASTON (Pa.) FOUNDRY & MACHINE CO., for $6,300.

ELKTON, MD.—County Commissioners have decided to build a stone and concrete bridge over Thorp's Run, near Perryville.

TALLADEGA, ALA.—The Birmingham & Atlantic R. R. Co. will construct a steel bridge across Coosa River between Talladega and St. Clair Counties. J. F. Fleetwood, Supt., Talladega, can inform.

CIRCLEVILLE, O.—Bids are asked by County Commissioners until September 11 for constructing an arch culvert over Pumpkin Run. M. C. Bohnert, County Audr.

UPPER SANDUSKY, O.—Bids are asked by County Commissioners until Sept. 19 for constructing a stone or concrete substructure and steel superstructure for bridge across Tymochtee Creek in Salem Township, 106 ft. span and 16 ft. roadway. Bids on substructure and superstructure to be submitted separately. J. N. Traxler, County Audr.

NEW PHILADELPHIA, O.—Bids are asked by County Commissioners until Sept. 15 for construction of two bridge abutments in Dover Land Improvement's addition to Canal Dover. A. V. Donahey, County Audr.

SPRINGFIELD, O.—Bids are asked by Board of Park Commissioners until Sept. 29 for construction of two concrete-steel arch bridges over Indian Run in Snyder Park. Thos. D. Wallace, Pres.

NEW PHILADELPHIA, O.—County Commissioners will receive bids until Sept. 16 for constructing bridge across Sugar Creek near the village of Sugar Creek. A. V. Donahey, County Audr.

DELAWARE, O.—Bids are asked by Board Public Service, F. D. King, Secy., until Sept. 15 (change of date) for constructing bridge over Delaware River on Sandusky St.; est. cost, $4,000. J. S. Dike, Cy. Engr.

NEW CASTLE, IND.—This county will this year expend $15,000 for the erection of bridges in various parts of the county.

INDIANAPOLIS, IND.—The Board Public Works will receive bids until 10 a. m., Sept. 11, for constructing of a bridge at Senate Ave. Bids will also be received for a new plate girder bridge, to be erected on present abutments and pier. M. A. Downing, Pres.

LOGANSPORT, IND.—County Commissioners have awarded contracts for five bridges to the ATTICA (IND.) BRIDGE CO., for $5,074.

SPRINGFIELD, ILL.—We are informed that the following bids were received Sept. 4 by Park Board for constructing two bridges in Washington Park: Rowan & Sime, 449 West Allen St., $8,672, and Capital City Concrete Construction Co., $9,894, both of Springfield. Letting has been postponed to regular meeting of Board, Sept. 12. Arthur Hay, Secy.-Engr.

BLOOMINGTON, ILL.—It is stated that a bridge 80 ft. long will be built over Sangamon River at the intersection of Champaign, Ford and McLean Counties. The cost, $20,000, is to be borne equally by the three counties.

CHICAGO, ILL.—C. D. Hill, Engr. for Board Local Improvements, has completed plans for bridge which is to span the river in connection with the proposed connection between the North and South Side Boulevard system. It is a bascule type bridge, with the trunnions hidden as much as possible so as not to detract from the ornamental effect. The bridge is to be 220 ft. from bank to bank, with a driveway 77 ft. wide and walks on each side 16 ft. wide. Provisions are made for ample lighting by electric lamps, and stone towers are designed to conceal the machinery. The cost is estimated at $1,250,000.

MENOMONIE, WIS.—It is reported that the bridge over Red Cedar River at Monomonie was let to the MINNEAPOLIS (MINN.) STEEL & MACHINERY CO. for $9,000.

FORT MADISON, IA.—The County Surveyor is reported as stating that it will cost the county about $80,000 to replace bridges destroyed by storm of June 9.

WINONA, MINN.—G. P. Coleman, Cy. Engr., writes us that bids will be opened on Sept. 18 for building stone or concrete abutments and erecting a 30-ft. span.

MINNESOTA, MINN.—This village is in the market for 65-ft. steel span. Address G. P. Coleman, Consult. Engr., Winona.

RIO GRANDE CITY, TEX.—County Commissioners have awarded contract for building steel bridge across the "Olmas Arroya" to the TEXAS BRIDGE CO., of Dallas, for $6,000.

GEORGETOWN, TEX.—The County Commissioners have let contract for three new bridges over streams in Williamson County for $19,200. C. Q. HORTON, of Austin, was the successful bidder.

CORDELL, OKLA.—It is stated that the County Commissioners will construct a steel bridge over Washita River. W. B. Tharington is County Clk.

SPOKANE, WASH.—It is announced that a new bridge will be constructed in the near future across river at Howard St. The Washington Water Power Co. has offered to pay $8,000 toward the cost. A. F. Gill is Cy. Engr.

VALE, ORE.—The contract for construction of a steel wagon bridge over Malhure River was awarded to H. T. WARD & CO. for $16,571.

EUREKA, CAL.—Board of Supervisors has ordered that the County Surveyor be directed to prepare plans and specifications for new highway bridge across North Fork of Mad River at Korbel.

OAKLAND, CAL.—The E. B. & A. L. STONE CO., of Oakland, was awarded the contract for construction of concrete bridge across Peralta Creek on Davis St., at $3,225.

MOUNTAINHOME, IDAHO. — Bids are asked by County Commissioners until 10 a. m., Sept. 16, for building 140-ft. bridge across south fork of Boise River at Pine. Dan W. Shetler, County Clk.

RENFREW, ONT.—County Council has decided to build a steel bridge over Waba Creek.

TORONTO, ONT.—Reports state that the Toronto & York Radial Ry. Co. will build a steel overhead bridge over Etobicoke River, in Etobicoke Township, on its line to Mimico.

BUILDINGS.

The names of parties awarded contracts are printed in capital letters.

PORTLAND, ME.—Bids are asked by Capt. A. W. Yates, Q. M., U. S. A., 187 Middle St., until 11 a. m., Sept. 12, for the construction, plumbing, heating and electric wiring of band barracks at Fort Williams, Me.

BURLINGTON, VT.—The following bids were opened Aug. 31 at office of Jas. Knox Taylor, Supv. Arch., Washington, D. C., for steam heating apparatus for U. S. post-office at Burlington: Gaylord & Ellapence Co., Binghamton, N. Y., $7,297; Clegborn Co., Boston, Mass., $6,479; Huey Bros., Boston, $6,837; E. Rutzler Co., New York City, $8,317; Holyoke (Mass.) Valve & Hydrant Co., $7,467; C. H. Sanborn, Boston, $7,250; Selvey-Wyckoff Co., Springfield, Mass., $8,189; G. S. Blodgett Co., Burlington, $5,340; Walworth Const. & Supply Co., Boston, $7,263; Albert B. Franklin, Boston, $6,774.

HARTFORD, CONN.—Donn Barber, Arch., 24 East 23d St., New York, will take figures Sept. 15 on new office building to be erected in Hartford for the Travelers' Insurance Co. Brick and stone, 8 stories, 144 × 200 ft.

HOWE CAVE, N. Y.—The Helderberg Cement Co., of Albany, is about to let contracts for construction of a storehouse at its plant here. Plans have been drawn by J. W. Pfau, Engr., of Troy, and call for a one-story structure of reinforced concrete. Cost, $100,000. T. Henry Dumary, 78 State St., Albany, is Pres.

NEW YORK, N. Y.—The contract for interior finishings of new Custom House here has been awarded to J. C. ROBINSON, of Chicago, Ill., $1,039,281. The contract for the installation of elevators has not yet been let. The mechanical equipment contract has been let to the NEW YORK STEAMFITTING CO., 137 Elm St., for $259,666.

PERRY, N. Y.—C. G. Clarke, Town Clk., informs us that F. W. Kirkland, of Rome, is architect for $50,000 school-house to be erected here. Will be heated by steam. Previously noted.

BUFFALO, N. Y.—The following bids were opened Aug. 28 at office of Jas. Knox Taylor, Supr. Arch., Washington, D. C., for construction of U. S. marine hospital at Buffalo: Ambrose B. Stannard, New York City, $113,000; Fissell & Wagner, New York City, $125,700; Cramp & Co., Philadelphia, Pa., $122,887; Thomas Rielly, Philadelphia, $139,330; B. M. Zadeck Co., Chicago, Ill., $144,745; Mosier & Summers, Buffalo, $127,000; Henry Shenk Co., Erie, Pa., $126,269; John G. Unkefer & Co., Chillicothe, O., $107,036; Niederpreum, Gibbs & Schaaf, Buffalo, $122,700.

NEW YORK, N. Y.—Neville & Bagge, Archs., 217 West 125th St., have completed plans for an apartment house to be erected at 127th St. and Claremont Ave., for J. V. Signell, 302 Central Park West. Brick, stone and terra cotta, 6 stories, 100 × 110 ft.

Clarke Realty Co., 41 Cortlandt St., is taking figures on a $300,000 warehouse to be erected at Fulton St. and Grenada Place, Brooklyn. Helme, Huberty & Hudswell are Archs., 44 Court St., Brooklyn. Brick and stone, fireproof, 8 stories, 100 × 125 ft.

Plans have been completed and the Department Public Charities, J. H. Tully, Comr., East 26th St. and East River, will take figures soon for the new municipal lodging house to be erected at 24th St. and First Ave. Previously noted.

H. PROBST, 10 West 22d St., has been awarded the general contract for erecting the $125,000 theatre for the Bronx Theatre Co., at Franklin and Third Ave. M. J. Garwin, 3307 Third Ave., is Arch. Brick, 3 stories, 70 × 115 ft.

NEW YORK, N. Y.—W. J. Taylor, general contractor for new apartment hotel to be erected at 66th St. and Lexington Ave., is taking figures on mason work, carpenter work, terra cotta, plumbing, heating, electric wiring, switchboards, elevators, engines, generators, boilers and motors. Brick and stone, fireproof, 16 stories, 170 × 50 ft. Simonson, Pollard & Steinam, Archs., 234 Fifth Ave. Cost, $750,000.

FREEMAN BLOODGOOD, JR., & CO., 8 York St., has been awarded general contract for erecting bank building at 475 Fifth Ave., for the Farmers' Loan & Trust Co., 52 William St. Clinton & Russell, 32 Nassau St., are Archs. Brick and stone, 4 stories, 35 × 60 ft.

M. Schenck, 196th St. and Fort Washington Road, is taking figures on electric wiring for the $100,000 residence in course of erection for C. K. G. Billings, 54 Wall St. Guy Lowell, 42 East 23d St., is Arch.

Jacobs & Heidelberg, Archs., 322 Fifth Ave., are taking figures on bank building to cost $60,000, to be erected at Fifth Ave. and 21st St., for the Hudson Realty Co., 135 Broadway. Deisler & Stevenson, 1135 Broadway, have the contract for vault foundations. Brick and stone, 11 stories, 60 × 100 ft.

M. B. FOSTER & CO., 949 Broadway, were awarded contract for switchboards and electric wiring for the $400,000 club house to be erected at 247-9 West 54th St., for the Automobile Club of America, of which Ernest Flagg, 35 Wall St., is Arch. DAWSON & ARCHER, 150 Fifth Ave., are the mason contractors, and C. W. KLAPPERTS SONS, 328 East 25th St., have the carpenter work.

Bernstein & Bernstein, Archs., 24 East 23d St., have completed plans for $250,000 apartment house to be erected at 118th St. and Seventh Ave., for Harris, Freidman & Feinberg, 171 Broadway. Brick, stone and terra cotta, semi-fireproof, 6 stories, 75 × 100 ft.

HOBOKEN, N. J.—Ross & Boersem, Archs., 47 Cedar St., New York City, is taking figures until Sept. 11 on a residence to be erected at Hoboken for Mrs. A. Behrens, of Hoboken. Brick and stone, 3 stories, 30 × 50 ft.

CAPE MAY, N. J.—DOYLE & DOAK, 1509 Sansom St., Philadelphia, Pa., have been awarded contract for hotel for the Cape May Real Estate Co. Cost, $500,000.

ORANGE, N. J.—All bids for new high school to be erected at Orange were rejected as they exceeded the appropriation. Plans will be somewhat revised and then refigured. Brick and stone, 5 stories, 85 × 160 ft. H. D. Hale, 92 William St., New York, is Arch.; Frank Sutton, 9 Wall St., New York, is Consult. Engr.

HOBOKEN, N. J. — Roos & Boorsem, Archs., 47 Cedar St., are taking figures on residence to be erected at Hoboken for Mrs. A. Behrens, of Hoboken. Brick and stone, 2 stories, 30 × 50 ft. Cost, $40,000.

LITTLE SILVER, N. J.—V. J. HEDDEN & SONS CO., 1 Madison Ave., New York City, has been awarded the general contract for erecting $100,000 residence for T. M. McCarter, at Little Silver. W. G. Lawrence, 3 West 29th St., New York City, is Arch.; Brinley & Holbrood, 156 Fifth Ave., New York City, is Landscape Arch.

CONVENT STATION, N. J.—Eugene McMurray, 22 Clinton St., Newark, has plans in progress for dormitory to cost $100,000 to be erected at Convent Station for the St. Elizabeth College. Brick and stone, 3½ stories, 50 × 160 ft.

HOBOKEN, N. J.—Contract for erecting an office building for New York & New Jersey Telephone Co. in Hoboken, has been let to D. C. WEEKS & SON, 289 Fourth Ave., New York City. N. J. Eidlitz & McKenzie, 1123 Broadway, New York City, are Archs. Brick and stone, fireproof, 3 stories, 50 × 70 ft.

McKEESPORT, PA.—The contract for constructing U. S. post-office here, bids for which were opened Aug. 16, has been let to WM. WEBER, of Huntington, W. Va., at $63,000.

SCRANTON, PA.—Emile M. Uhlrich, Arch., 1328 Schofield Bldg., Cleveland, O., has prepared plans for school-house for St. Michael's congregation, Scranton. Cost, $80,000.

PHILADELPHIA, PA.—The contract for three new buildings for the Pennsylvania State Homeopathic Insane Asylum has been let to DOYLE & DOAK. Cost, $500,000.

LANCASTER, PA.—Governor Pennypacker has appointed H. S. Williamson, John B. Warfel and Jeremiah Rohrer, Lancaster; Geo. W. Hensel, Strasburg, Pa., and A. M. Cline, Terrehill, Pa., as a commission to erect the school for indigent orphans, to be called the Thaddeus Stevens Industrial Reform School of Pennsylvania, at Lancaster, for which the state has appropriated $50,000 and the citizens of Lancaster the site.

BALTIMORE, MD.—The Metropolitan Savings Bank will erect a banking building at Charleg and Saratoga Sts. Cost, $150,000.

HAVRE DE GRACE, MD.—N. W. SENTMAN, Perryville, has been awarded contract for three-story high school building for the Board of Education.

BALTIMORE, MD.—Bids are asked by Jas. Knox Taylor, Supv. Arch., Washington D. C., until Sept. 26 for passenger and freight elevators for U. S. custom house at Baltimore. Hornblower & Marshall, Archs., 1504 H St., Washington, D. C.

Bids will be received at the same place until Sept. 28 for the installation complete of boiler plant, heating and ventilating apparatus, etc., for custom house.

Bids will be received at the same place until Sept. 27 for the installation complete of conduit and electric wiring system for custom house.

BALTIMORE, MD.—The Weinberg Cloak Co. has acquired site at 109-11 West German St., and will erect a five-story double werehouse.

Dr. H. H. Stansbury, Monument and Howard Sts., has purchased lot, 150 × 150 ft., at Charles and Mt. Royal Aves., and it is reported that a $150,000 apartment house will be erected on the site. Dr. Stansbury is represented by J. Clinton Watts, 224 St. Paul St.

New bids will be asked for by C. W. Abbott & Co., 206 South Charles St., for warehouse to be constructed at 17 South Charles St. Brick, 5 stories, 20 × 168 ft.

The Geo. A. Fuller Co., American Bldg., will probably be awarded contract for the erection of theatre to be erected at Baltimore St. and Custom-house Ave., for the Columbia Amusement Co., 1358 Broadway, New York City. J. B. McElfatrick & Son, Archs., 1402 Broadway, New York City. Cost, about $100,000.

FREDERICK, MD.—Frank L. Stoner and others have organized a $60,000 company to erect a hotel here.

BALTIMORE, MD.—The contract for completion of interior finish of U. S. custom-house at Baltimore, has been awarded to HENRY SMITH & SONS CO., of Baltimore, at $352,135.

WASHINGTON, D. C.—Bids are asked by Capt. A. W. Butt, Q. M., U. S. A., until 2 p. m., Sept. 18 for constructing and addition to electric lighting system at signal corps post, Fort Myer, Va.

WASHINGTON, D. C.—Bids are asked until noon Sept. 30 for excavation and grading, building cement shed, concrete work, furnishing bricks, concrete materials, sand, hydrated lime and cement for new mess hall building at U. S. Soldiers' Home. Capt. John Stephen Sewell, U. S. Engrs. (Advertised, Engineering News.)

HINTON, W. VA.—We are informed that the Masonic Temple Association has adopted plans for a $50,000 Masonic temple submitted by Frank P. Milburn, Arch., of Columbus, S. C., and contracts will probably be let in the fall.

PENSACOLA, FLA.—We are informed that the city has voted to issue bonds for new city hall. Chas. H. Bliss, Mayor.

MONTGOMERY, ALA.—The city has voted to issue $75,000 in bonds for school building. D. W. Ford is Cy. Engr.

KNOXVILLE, TENN.—The supreme commandery of the United Order of the Golden Cross will erect a $50,000 structure here for national headquarters. Address the secretary for information.

NASHVILLE, TENN.—The city will hold an election to decide question of issuing $300,000 in bonds for the erection of high school building. W. W. Southgate is Cy. Engr.

TOLEDO, O.—Sealed proposals will be received by H. A. Taylor, Act. Secy.-Treas., Washington, D. C., until 2 p. m., Sept. 19, for installing a system of electric wiring and fixtures in U. S. custom-house at Toledo.

GRAND RAPIDS, MICH.—HENRY L. VANDER HORST, Kalamazoo, was awarded contract, at $66,400, for the erection of hospital building at the Michigan Soldiers' Home. Osgood & Osgood, Archs.

CHICAGO, ILL.—The Beach Amusement Co. has purchased about 20 acres of land at West Harrison St. and Desplaines Ave., in Harlem, for the purpose of establishing an amusement garden. Work on construction will soon be started. Oliver L. Brown, 1225 First National Bank Bldg., is Gen. Mgr. Cost, $600,000.

CHICAGO, ILL.—A contract involving $65,763 for alteration on Seipp Bldg., at Van Buren St., and river in order to allow the widening of river at that point to 200 ft. was ordered awarded to WILLIAM ADAMS & CO., by Finance and Engineering Committees of Drainage Board. The work will involve the tearing down of a 20-ft. strip of building along river front and the building of a heavy wall for protection against the water. Work will be commenced as soon as contracting firm has furnished bonds.

CHICAGO, ILL.—R. S. Smith, Arch., 185 Dearborn St., has about completed plans for an apartment building, to be erected on Clarendon, Graceland and Evanston Aves., for Jas. W. Eastland. Cost, $80,000.

It is stated that Worthmann & Steinbach, Archs., 625 West Chicago Ave., are taking bids on masonry, terra cotta and cut stone work for parochial school building, to be erected at Noble and Bradley Sts., for St. Stanislaus Church. Cost, $120,000.

A. E. Colcord, Arch., 168 Dearborn St., is preparing plans for an apartment building to be erected at Monroe Ave. and 64th St. for Louis C. Wagner. Cost, $150,000.

Paul Gerhardt, Arch., 109 Randolph St., is receiving estimates for an apartment building to be erected at Sheridan Road and Clarendon Ave., for Albert Fuchs. Cost, $150,000.

CHICAGO, ILL.—Holabird & Roche, Monadnock Block, have been selected as architects for new county building to be erected at a cost of $3,500,000. Work on foundations will be started in about three months. John M. Ewen will superintend work for county board.

It is stated that the Pere Marquette R. R. will build a new freight house here. The site is now covered by a single story freight house. This will be removed for the new house and a 60-ft. driveway will be built. F. H. Alfred is Ch. Engr., Detroit, Mich.

MINNEAPOLIS, MINN.—Boehme & Cordella, Archs., are preparing plans for a parochial school for Holy Cross church parish on 17th Ave., N. E. and Fourth St. Cost, $40,000.

MINNEAPOLIS, MINN.—The Board of Regents of the State University will soon have plans drawn for a $100,000 hospital. Cyrus Northrop is Pres.

ST. PAUL, MINN.—Martin Beck, of Chicago, Ill., Mgr. Orpheum Circuit Co., is having plans prepared for new fireproof theatre here, to cost $125,000.

ST. PAUL, MINN.—The Park Board has awarded the contract for drawing plans and supervising the erection of new Como Park pavilion to Jas. A. MacLeod, Arch., Endicott Bldg. Cost, $40,000.

FARGO, N. DAK.—Bids are asked at office of James Knox Taylor, Supervising Arch., Washington, D. C., until 3 p. m., Oct. 12, for construction complete, except elevator, of U. S. post-office and court-house extension at Fargo. (Advertised, Engineering News.)

BOLIVAR, MO.—The county will issue $40,000 in bonds for construction of court-house.

ST. LOUIS, MO.—Barnett, Haynes & Barnett, Archs., Frisco Bldg., have plans and have taken figures for a 2½-story church, 92 × 147 ft., for St. Margaret congregation. Cost, $100,000.

FAYETTEVILLE, ARK.—Sealed bids will be received by H. F. Reagan, Secy. Bd. of Trustees, University of Arkansas, Fayetteville, until noon, Sept. 9, for the erection of six buildings, aggregating about $80,000 in cost.

FORT WORTH, TEX.—The Fort Worth Medical University contemplates erecting a college building at a cost of between $40,000 and $50,000. Rev. G. MacAdam is Pres.

SHERMAN, TEX.—Contract for constructing U. S. public Building at Sherman has been awarded to F. L. STEVENSON CONTRACT CO., of Dallas, at $111,390.

PORT ARTHUR, TEX.—The School Board has awarded consolidated contract for heating, ventilating and wiring manual training school building to N. A. DAWSON, of Houston, and E. G. NEWCOMB and O. ECKLAND, of Denver, Colo., for $69,700.

BEAUMONT, TEX.—Bids will be received by F. S. Glover, Arch., of Houston, until Sept. 20, for construction of new Methodist church.

DALLAS, TEX.—Sealed proposals will be received by C. B. Gardner, Praetorian Bldg., Dallas, until Sept. 25 for constructing of steel frame, fireproof 14-story office building, including installation of plumbing, steam heating, electric wiring and elevators.

TERRELL, TEX.—Contract for the erection of an addition to main building of the North Texas Insane Asylum in this city has been awarded to H. W. LINK, of Dallas, at $11,928, and the contract for the male annex No. 2 and female annex No. 2 to INNIS & HALL, of Dallas, at $61,622, exclusive of plumbing. The heating contract was awarded to TENNISON BROS., of Dallas, at $6,509. The plumbing contract has not yet been announced.

MUSCOGEE, I. T.—The Board of Education has let a contract for a new $20,000 school building. Two additional buildings, costing $55,000, will also be built during the year.

SEATTLE, WASH.—Plans are being prepared by W. P. White, Arch., Seattle, for a hotel to be erected at Second Ave. and Stewart St., for Mrs. Clark. Cost, $150,000.

SAN PEDRO, CAL.—F. S. Allen, Arch., Pasadena, has prepared plans for high school building, to be erected at San Pedro. Cost, $50,000.

WINNIPEG, MAN.—Contract for the erection of Bank of Toronto building has been let to KELLY BROS & MARTIN for approximately $150,000.

WATER SUPPLY—IRRIGATION.

The names of parties awarded contracts are printed in capital letters.

FRAMINGHAM, MASS.—We are informed that contract for laying 25,500 ft. of pipe for extension of town water-works to Saxonville has been let to EDW. B. ROBERTS, 733 Old South Bldg., Boston, Mass. Bids were received Aug. 24 by H. L. Davenport, Secy. Water Supply Com.

WAVERLY, N. Y.—We are informed that citizens have voted to acquire present water supply at a cost not to exceed $250,000. J. T. Tucker, Village Pres., is official in charge.

ALBANY, N. Y.—Board Contract and Supply, Isidore Wachsman, Clk., is stated to be calling for bids until Sept. 18 for construction of an intake at filtration plant; est. cost is $30,000.

LAKEWOOD, N. J.—Village has voted to bond for $30,000 for construction of water-works. Clyde Jones, Acting Cy. Engr., Jamestown, N. Y., has been making tests for a supply.

ATLANTIC CITY, N. J.—We are informed that matter of reconstruction and extension of city water-works, at an est. cost of $600,000, is in contemplation only. Bonds have not been authorized, but an issue has been recommended by several bodies. Work would include 3,400 ft. 30-in. mains, 22,000,000-gallon capacity, pumping station with low lift pumps of 15,000,000 gallons capacity, and high lift pumps of 18,000,000 gallons capacity and 30-in. low pressure force main, five miles long. Kenneth Allen is Engr. and Supt. W.-W.

WEST CHESTER, PA.—Borough Council has awarded contract for furnishing and laying 6,290 ft. 14-in. water mains to HARRY A. MILLER, Wilmington, Del., for $12,098.

WILMINGTON, DEL.—Following bids were received Aug. 4 by Water Commissioner, Theodore A. Leisen, Ch. Engr., for constructing a reservoir: Jeremiah T. Finch & Co., Glens Falls, N. Y., $161,115; James Malloy & Co., Wilmington, Del., $179,800; J. P. McNichol & Bro., Philadelphia, Pa., $184,999; Manufacturers Contracting Co., Wilmington, Del., $187,000; Bunting Construction Co., Long Island City, N. Y., $199,000; West Newcomb Co., Philadelphia, Pa., $199,673.

STATESVILLE, N. C.—This city has voted to issue $20,000 of water, sewer and light bonds.

WILMINGTON, N. C.—We are informed that nothing has been done for new water-works for this city except to appropriate $1,000 for a preliminary survey. A. M. Madell is Mayor.

AIKEN, S. C.—We are advised that it will probably be two years before city water-works are extended. J. B. Salley is Mayor.

DAYTONA, FLA.—Cromwell Gibbons, Jacksonville, Fla., and J. Hall Brumsby, De Land, Fla., have applied for franchise here for water-works.

FRANKLIN, TENN.—Specifications may be seen at office of Engineering News, 220 Broadway, New York, for construction of gravity system of water-works for this city. Bids are asked until Sept. 12, as was advertised in Engineering News of Aug. 31.

CINCINNATI, O.—Plans and specifications for the construction of filters, coagulating basins, etc., for this city may be seen at office of Engineering News, 220 Broadway, New York. Bids are asked until Sept. 29, as is advertised in Engineering News.

RAVENA, O.—Board Public Works has awarded contract for improvement of Muzzy Lake pumping station to JOHN SORENSEN, for about $7,000.

PIKE, O.—Village voted Aug. 28 on issuing $25,000 of bonds for installing gravity system of water-works.

LANESVILLE, IND.—Lanesville Water Co., capitalized at $6,000, will put in works here. Population is 400.

IRON RIVER, MICH.—E. G. Bradbury, Engr., 65 North High St., Columbus, O., is making plans for improvements to the water supply of this village.

HUNTLEY, ILL.—The village has let a contract to ABNER KELLEY, of Marengo, Ill., for $5,600, for the construction of a system of water-works. C. A. Prout, of Wheaton, Ill., is Engr.

CHICAGO, ILL.—City will ask bid for furnishing 972 meters, specifications for which have been completed by John Ericson, Cy. Engr., and Superintendent Nourse of the Water Department.

CHICAGO, ILL.—Bids are asked by Department Public Works, until 11 a. m., Sept. 23, for furnishing labor and material and for building approximately 1,370 ft. of 14 × 20 ft. tunnel under shoal water of Lake Michigan, from and connecting with present tunnel now in Lawrence Ave. (Advertised, Engineering News.)

HEBRON, ILL.—We are advised that this village will receive bids on Sept. 7 for the construction of a connected system of cast-iron water main pipes with necessary hydrants, etc., the system comprising about two miles. Guy C. Lemmers, Village Clk.

ARLINGTON HEIGHTS, ILL.—Bids are asked by Board Trustees, [illegible] y C. Klehm, Pres., until noon Sept. 12 [illegible] bor and material for extending village [illegible] system. H. L. Emerson, Engr., Room [illegible] Chamber of Commerce Building, Chicago.

WINONA, MINN.—This city, G. P. Coleman, Cy. Engr., will open [illegible] Sept. 18 for building an extension to [illegible] water-works building.

WILLMAR, MINN.—Bids [illegible] ked by J. T. Otos, Cy. Clk., until noon [illegible] pt. 11 for labor, material and apparatus [illegible] essary for addition to water and light [illegible] of city. Work includes furnishing of [illegible] ound high speed engine, 120-KW. alternator [illegible] and steam and electrical appliances. Ch. [illegible] Pillsbury, Engr., 343 Minnesota St., St. [illegible] Minn.

MONTGOMERY, MINN.—Bids [illegible] asked by F. J. Svejda, Cy. Recdr., until [illegible] m., Sept. 16 for a steel water tower [illegible] tank with short pipe line connecting with [illegible] ent water-works. J. J. Flather, Engr., [illegible] apolis, Minn.

FALLS CITY, NEB.—Another [illegible] tion may be held to vote on a $35,000 [illegible] issue for improving water-works and [illegible] ric light plant.

BELLE FOURCHE, S. DAK. [illegible] s will be received at the office of the [illegible] States Reclamation Service, Belle Fourche, S. Dak., until 4 p. m. Oct. 26, for the construction of an earthen dam and appurtenances and 17½ miles of canals, involving about 2,600,000 cu. yds. of earth work, 3,[illegible] cu. yds. of rock excavation, 24,000 cu. [illegible] of concrete masonry and 45,000 lbs. of steel and cast-iron. The work is located about 12 miles northeasterly from Belle Fourche. (Advertised, Engineering News.)

CODY, WYO.—J. M. Schwoof writes us that proposed extension of town water-works will not be made for two years at least. The U. S. Reclamation Service is building dam and reservoir about six miles from this place, and the town will not extend its system until this is completed. Est. cost of extension is about $20,000.

HARRISONVILLE, MO. — Harrisonville Water Co., capitalized at $10,500, has been chartered by Geo. Bird, John A. Davis and R. W. Adams.

TULSA, IND. T.—Local water company, according to reports, is preparing to expend $40,000 in digging new wells and extending its system.

ROFF, IND. T.—F. W. Dunn proposes to construct a complete pumping system of water-works, either steam or gasoline, and wishes to correspond with parties who can furnish entire plant. Standpipe will be on elevation above well of about 150 ft. and must be of sufficient capacity to furnish 40 to 50 city hydrants, three cotton gins, electric light plant and railway water tank.

MONTROSE, COLO.—Bids were received Aug. 28 by U. S. Reclamation Service for construction of South Canal, Uncompahgre Valley Project, the bids being taken on divisions as a whole. One bid was received for all of the work, that of Orman & Crook, Pueblo, Colo., which amounted to $513,365. The bids by Divisions were as follows: Orman & Crook—Division 10, $51,460; Division 11, $29,385; Division 12, $20,940; Division 13, $46,865; Division 14, $35,995; Division 15, $63,470; Division 16, $100,860; Division 17, $39,125; Division 18, $41,305; Division 19, $29,480; Division 20, $18,905; Division 21, $35,575. William S. Henderson—Division 1, $77,800. Samuel Treais, Montrose, Colo.—Division 13, $53,830; Division 14, $37,430; Division 15, $60,930. Smith Bros., Montrose, Colo.—Division 21, $36,027. Knowlton & Bollen Construction Co., Fort Collins, Colo.—Division 18, $48,086; Division 20, $23,384; Division 21, $42,322. See Contract Prices for itemized bid of Orman & Crook.

DENVER, COLO.—Park Commission will expend about $20,000 to install new pumping station in City Park. J. G. Barri is to make plans and specifications.

DENVER, COLO.—U. S. Reclamation Service has awarded contract for construction of Pathfinder dam and auxiliary works, North Platte project, Wyoming, to GEDDIS & SEERIE STONE CO., 611 Continental Bldg., Denver, Colo., for $482,000. Bids for the work were opened Aug. 16, and were given under Contract Prices in our issue of Aug. 24.

ASPEN, COLO.—Col. Geo. Newman has applied to city for franchise to put in water-works.

CANON CITY, COLO.—Greenhorn Artesian Water Co., capitalized at $100,000, has been chartered. Chas. Bocking, James H. Peabody and J. H. Waters are interested.

WASHINGTON, D. C.—Bids are asked by C. T. Larrabee, Acting Comr. of Indian Affairs, Washington, until Oct. 3, for construction of a water and sewer system at Shoshone Indian School, Wyoming. An appropriation of $21,000 is available.

CASHMERE, WASH.—F. C. Farnum has applied for a franchise for a water-works and electric light system.

SPRINGFIELD, ORE.—We are informed that nothing definite has been done as yet regarding proposed water system for this city. R. A. Jayne is Mayor.

GOLDFIELD, NEV.—A company, with $300,000 capital, is stated to have been organized to install water-works and a street railway here. Artesian water is to be supplied. The officers of the company are: William De Biller, a member of New York Stock Exchange, Pres.; Louis S. Finnegan, of Goldfield, vice-Pres.; James L. Lindsay, Secy. and Treas.; James A. Pearce, Gen. Mgr.

SALT LAKE CITY, UTAH.—Board Public Works has awarded first contract in connection with water extension plan to SALT LAKE HARDWARE CO., for about $8,000. The contract is for steel reinforcing bars for the Big Cottonwood conduit, bids for the construction of which were opened Sept. 4. The city is to furnish the reinforcing bars and the contractor is to place them.

PLEASANT GROVE, UTAH.—This city has voted bonds for building water-works.

VICTORIA, B. C.—City Water Commissioner has reported on the cost of the different water works schemes before the city as follows: Scheme A, to buy out Esquimalt Water-Works and make improvements necessary, $2,[illegible]637; B, to buy water from same company, provide pipe, reservoirs, etc., $683,637; C, to improve present system, provide pumps, tanks, pipe, etc., $473,137.

SEWERAGE.

The names of parties awarded contracts are printed in capital letters.

PORTLAND, ME.—Bids for building of Section [illegible] West Side intercepting sewer were opened Aug. 23 in office of Commissioner [illegible] and the award was made to WORCESTER & WILSON, of Portland, whose bid was $7,251. The other bids were as follows: Booth & Co., $9,875; C. E. Trumbull & Co., $9,336; Cefalo & Ferguson, $8,568; [illegible]zione & Romano, $10,210; W. B. Bryce, $1[illegible]264; J. J. Mahoney, $8,679.

WOONSOCKET, R. I.—Ordinances have been passed by City Council providing for the construction of sewer in Crawford and Summer Sts. Wm. C. Mason, Cy. Clk.; F. H. Mills, Cy. Engr.

GLENS FALLS, N. Y.—The Sewer Commission[illegible] will lay several thousand feet of sewer during the next two months.

BROOKLYN, N. Y.—Bids are asked by Martin W. Littleton, Boro. Pres., until Sept. 13 for constructing sewer in 88th, India and other streets.

SYRACUSE, N. Y.—The Common Council has adopted an ordinance declaring intention to construct a 15-in. pipe sewer in First North and other streets; also a 12-in. pipe sewer in Willis Ave and other streets; also a 15-in. pipe sewer in Lafayette Ave. and other South Side streets; also an 18-in. pipe sewer in Pear Alley and other streets. Frank J. Schnauber, Cy. Engr.

TROY, N. Y.—City Engineer has been directed to prepare specifications for a sewer in West Park Place. Philip Casey is Comr. Pub. Wks.

NEW YORK, N. Y.—Following bids were received Aug. 31 by Joseph Cassidy, President Queens Borough, for construction of sewers in Oak and other streets, and a sewage disposal plant: Peace Bros., Flushing, L. I., $493,716; Queens Borough Construction Co., Ozone Park, L. I., $348,292; Uvalde Asphalt Paving Co., 1 Broadway, New York, $274,759.

NIAGARA FALLS, N. Y.—It is stated that the Board Public Works will receive bids until Sept. 19 for constructing sewers on a number of streets. W. W. Read, Cy. Engr.

NORRISTOWN, PA.—Bids are asked by Wm. J. Wells, Chn. Sewer Com., until 7.30 p. m., Oct. 10, for construction of sanitary sewers and laterals. Among the items are 63,830 ft. 8-in. vitrified pipe sewer, 7,270 ft. 10-in., 2,180 ft. 12-in., and 2,780 ft. 15-in. vitrified pipe sewer, 269 manholes and 86 flush-tanks. S. Cameron Corson, Boro. Engr. (Advertised, Engineering News.)

WHEELING, W. VA.—Board Public Service has ordered the advertising of bids for constructing Fourth St. sewer.

FAIRMONT, W. VA.—It is stated that the City Council has adopted plans prepared three years ago by J. M. Prickett, Cy. Engr., for sewerage system, to cost about $30,000.

GRENADA, MISS.—The sewer system will be extended, so we are informed. W. R. Wallis, Engr.

LOUISVILLE, KY.—The Board of Aldermen has passed an ordinance providing for the building of two sewers. One will be in Baxter Ave. and the other in Shelby St. Est. cost, $4,353. J. B. F. Breed is Cy. Engr.

LEXINGTON, KY.—Plans and specifications for sewers here are on file in office of Engineering News, 220 Broadway, New York City. Bids will be opened Sept. 13, as advertised in Engineering News.

CINCINNATI, O.—Sealed bids will be received by Board Public Service until Sept. 21 for constructing sewers and drain on Ross Run. Geo. F. Holmes, Clk.

CLEVELAND, O.—We are informed that N. J. TOWNSEND, Niles Ave., Cleveland, has been awarded contract, at $13,000, for constructing sewers on Broadway, Harvard and Seager Sts. Bids were opened Aug. 29.

CINCINNATI, O.—Sealed proposals will be received by Board Public Service until Sept. 22 for constructing sewers and drains in several streets. Geo. F. Holmes, Clk.

COSHOCTON, O.—A. M. Fisher, Cy. Engr., informs us that the contract for constructing sewer in South Sixth St., was let Aug. 31 by Board Public Service to JOHN HALL, of Coshocton, for $829.

CINCINNATI, O.—Bids are asked by Board Public Service until Sept. 13 for constructing sewers and drains on Herschel Ave. Geo. F. Holmes, Clk.; J. E. Breen, Cy. Engr.

YOUNGSTOWN, O.—Sealed proposals will be received by Board Public Service until noon of Sept. 12 for construction of a sewer in Myrtle Ave. G. T. Prosser, Clk.; F. M. Lillie, Cy. Engr.

DAYTON, O.—Bids are asked by Board Public Service until Sept. 12 for construction of storm water sewers on a number of streets. Approximate quantities: 960 ft. 15-in.; 1,220 ft. 12-in.; 750 ft. 24-in.; and 575 ft. 20-in. pipe sewer; 8 manholes; 33 catch-basins. Wm. F. Miller, Clk.; F. M. Turner, Cy. Engr.

COLUMBUS, O.—Bids will be received until noon, Sept. 15, for construction of sanitary sewer in Richardson Ave., from Grace St. to alley north of Broad St. Julian Griggs, Ch. Engr., Dept. Pub. Serv.

MARIETTA, O.—We are informed that the contract for constructing sanitary sewers here has been awarded to G. A. STANFIELD, of Marietta, for $5,052. Bids were opened Aug. 30 by Board Public Service. A. F. Cole, Cy. Engr.

DEFIANCE, O.—Sealed bids will be received by Board Public Service until Sept. 11 for construction of sewer in sundry streets. J. M. Ferst, Clk.

INDIANAPOLIS, IND.—The Board Public Works will receive bids until Sept. 18 for constructing sewer in Meridian, 27th and 28th Sts. and Talbott Ave. B. J. T. Jeup, Cy. Engr.

ELKHART, IND.—The Elkhart Water Co., E. Crull, Pres., is in the market for 1,300 ft. of 18-in. c. i. sewer pipe.

WINCHESTER, IND.—All bids were rejected for constructing 6,400 ft. of sewers. Lowest bid was $14,950. C. C. Yunker is Cy. Engr.

SOUTH BEND, IND.—Bids will be received by A. J. Hammond, Cy. Engr., until Sept. 10 for construction of 380 ft. of 24-in. brick sewer and 1,850 ft. of 15-in. pipe sewer.

INDIANAPOLIS, IND.—The Board Public Works will receive bids until 10 a. m., Sept. 11, for construction of 12-in. pipe sewer in St. Clair St. M. A. Downing, Pres.

JACKSON, MICH.—The Board Public Works, W. E. Brewer, Pres., will advertise for bids for the construction of 860 ft. 4½ ft. reinforced concrete sewer and 400 ft. of 5½ ft. sewer. A. B. Stevens is Cy. Engr.

IRON RIVER, MICH.—We are advised that this village will install a sewerage system. E. G. Bradbury, Engr., 85 North High St., Columbus, O., is preparing plans.

CRYSTAL FALLS, MICH.—We are informed that E. T. Bradbury, Engr., of Columbus, O., is making plans for sewerage system here. Robt. Munns, Cy. Clk.

PANA, ILL.—The City Council has approved the building of sewerage system which will cost $25,000.

CHICAGO, ILL.—The Board Public Works, 222 City Hall, will receive bids until 11 a. m., Sept. 12, for constructing about 2,250 lin. ft. of 9-ft. internal diameter brick and concrete sewer, in Paulina St., from the north line of south branch of Chicago River to near the south line of Blue Island Ave. Plans and specifications at room 217 City Hall.

BATAVIA, ILL.—An ordinance has been passed for sewer system, to cost $80,000. C. A. Prout, of Wheaton, Ill., is Engr.

WATERTOWN, WIS.—Contract for constructing pipe sewers in several street, bids received Aug. 29, has been awarded to ELZY & DUNN, Marshalltown, Ia., for $7,995.

FOND DU LAC, WIS.—The city proposes to construct a system of storm sewers, to cost approximately $50,000. G. H. Stanchfield, Cy. Engr.; G. H. Stanchfield, Cy. Clk.

LA CROSSE, WIS.—The Common Council is considering the matter of rebuilding Cass St. sewer, the main sewer of the city, which is in need of repairs. It is proposed to extend the outlet 40 ft. further into the Mississippi River.

CEDAR FALLS, IA.—T. R. Warriner, Cy. Engr., informs us that the City Council has ordered a sanitary sewer in Iowa and Walnut Sts., about 5,300 ft.

CARROLL, IA.—Bids are asked by Geo. A. Hoffman, Cy. Clk., until 8 p. m., Sept. 18, for construction of sewage disposal plant, consisting of sewage tank of about 80,000 gals. capacity, and two sand filter beds of about 13,000 sq. ft. area. A. Marston, Engr., Ames, Ia.

AMES, IA.—We are informed that bids for constructing sanitary sewers, as advertised in Engineering News, were received Aug. 28, as follows: Lytle Const. Co., Sioux City, $22,362; Des Moines (Ia.) Bridge & Iron Works, $23,985; J. W. Turner, Des Moines, $24,238; W. F. Cook, Des Moines, $24,738; King, Lambert & Co., Des Moines, $25,861; R. E. Jackson, Cedar Rapids, $26,949; W. A. Edgar, Cedar Rapids, $27,972; Jas. Horabin & Co., Des Moines, $29,706; R. C. De La Hunt, Cedar Rapids, and Dailey & Brown, Jacksonville, Ill., bids not complete. A. B. Maxwell, Cy. Clk.

CLINTON, IA.—Bids were received Aug. 24 by City Council for constructing sewers in District No. 4, the contract being let to HARDING & NELSON, Racine, Wis., for $156,732. Itemized bids are given under Contract Prices.

INDIANOLA, IA.—The Kimball Engineering Co., of Davenport, has preliminary plans for sewer system here, about eight miles in length. We are informed that the city will probably arrange to construct next season.

DES MOINES, IA.—It is stated that the Board Public Works is receiving bids for 135,000 brick to be used in the Ingersoll sewer. John W. Budd is Cy. Engr.

ROCHESTER, MINN.—Bids opened on Aug. 18 for constructing sewer on East Side have been rejected, and, it is stated, new bids will be received. Wm. O'Neil, of Faribault, was the lowest bidder, at $19,844.

WINONA, MINN.—G. P. Coleman, Cy. Engr., writes us that JOHN REGAN was awarded contract Aug. 28 for laying extension of storm sewer on Washington St., at $3,986.

NEW ULM, MINN.—Sealed proposals will be received by City Council until 9 a. m., Sept. 11 for construction of nine blocks of sewers. Louis Schilling, Cy. Clk.

RUSHFORD, MINN.—Bids will be received by C. O. Alm, Cy. Clk., until 8 p. m., Sept. 15, for construction of sewer from center of Elm St. west along Jessie St., 1,200 ft.

HUTCHINSON, KAN.—T. G. Elbury, Cy. Engr., informs us that plans are being prepared for construction of 1,425 ft. of 15-in. and 1,005 ft. of 12-in. tile storm water sewer and 12 catch-basins.

LOUISIANA, MO.—It is reported that the city has granted franchise to the American Water-Works & Guaranty Co., of Pittsburg, Pa., for the construction of sewerage system. About $20,000 will be expended. The American Water-Works & Guaranty Co. are owners of the Louisiana Water-Works Co., which operates local works.

ST. LOUIS, MO.—Bids are asked by Board Local Improvements until Sept. 15 for construction of the 13th St. sewer. The last municipal assembly made an appropriation of $30,000 for this sewer.

FORT McINTOSH, TEX.—Bids are asked by Robt. R. Stevens, Q. M., U. S. A., until Sept. 13 for constructing an outlet for sewerage system at Fort McIntosh.

PROSSER, WASH.—The Public Improvement Committee of City Council, consisting of Aldermen McNeil, Kemp and Harris, are making investigations with a view of recommending at the regular meeting Sept. 4 a sewerage system for the city.

PORTLAND, ORE.—City Council has passed resolution providing for the improvement of East Salmon St. by constructing sewer. Est. cost, $8,200. Chas. Wanser is Cy. Engr.

DALHOUSIE, N. B.—Willis Chipman, Engr., Toronto, Ont., is preparing an estimate on the cost of installing a sewer system for Dalhousie.

GARBAGE DISPOSAL.

The names of parties awarded contracts are printed in capital letters.

NEW YORK, N. Y.—Bids are asked by the Department of Street Cleaning, John McG. Woodbury, Comr., until noon, Nov. 6, for the final disposition of garbage in the Borough of Manhattan for five years. (Advertised, Engineering News.)

LONG BRANCH, N. J.—Contract for sweeping asphalt streets for 16 months was awarded to THOMAS L. WORTHLEY for $2,400.

UNION HILL, N. J.—Contract for collecting garbage of this place has been let to A. PADAVANO, Hoboken, N. J., for $2,900 a year.

INDIANAPOLIS, IND.—Bids were received Aug. 21 by Board Public Works for the collection of garbage, the Marion County Construction Co., at $53,820 per year, being lowest bidder. For the collection of ashes, Hiram W. Miller and E. J. Robinson, at $23,500 per year, were lowest bidder.

SHERMAN, TEX.—Bids are asked by City Engineer until 8 p. m., Sept. 18, for a street sweeping machine.

STREETS AND ROADS.

The names of parties awarded contracts are printed in capital letters.

LACONIA, N. H.—We are informed that the contract for paving here has been let to L. D. CLARK, of Lakeport.

BERLIN, N. H.—Ed. S. Bryant, Cy. Engr., is making surveys in nine different towns in Coos County preparatory to repairing of roads.

SPRINGFIELD, MASS.—All bids were rejected for laying about 12,000 sq. yds. of bitulithic or bituminous macadam pavement, and the city will do the work. Chas. M. Slocum, Cy. Engr.

BRISTOL, CONN.—The town has appropriated $9,000 or stone road work.

NEW BRITAIN, CONN.—The town has voted an appropriation of $9,000 for macadam roads.

ALEXANDRIA BAY, N. Y.—Work will soon commence on proposed boulevard between here and Clayton. J. S. Keeler is Engr., Alexandria Bay.

SYRACUSE, N. Y.—Common Council has adopted ordinance ordering brick or asphalt pavement in Park Ave., to cost $14,000; also declared intention to pave Walnut Ave. with brick, asphalt or bitulithic.

JOHNSTOWN, N. Y.—Council has adopted plans for paving with asphalt block South Perry and Market Sts., about 11,800 sq. yds. J. F. Campbell is Cy. Engr.

ONEIDA, N. Y.—The Board Public Works has awarded contract for paving Sconondoa, William, Madison, West and Chestnut Sts. to T. D. ALLEN & CO., of Oneida. The contract specifies medal block paving material and Medina sandstone curbing. The aggregate amount of contracts will be over $40,000.

NIAGARA FALLS, N. Y.—Elmwood Ave. is to be paved from Main St. to Whirlpool Ave., at an estimated cost of $10,500. W. W. Read is Cy. Engr.

WATERTOWN, N. Y.—Union St. will not be paved until next year, we are advised by H. E. Baker, Cy. Engr.

DOVER, N. J.—The Town Council contemplates the adoption of an ordinance requiring the grading, curbing and flagging of West Fairview Ave.

STEELTON, PA.—Plans and specifications for paving of Front St. may be seen at office of Engineering News, 220 Broadway, New York City. Bids will be opened Oct. 4, as advertised in Engineering News.

WAYNESBURG, PA.—At a special election it was decided to issue borough bonds in the sum of $15,000 for street paving.

PHILADELPHIA, PA.—Bustleton Ave., from Frankford Ave. to Van Kirk St., will be widened from 80 ft. to 100 ft. A. Lincoln Acker is Dir. Pub. Wks.

ROCKVILLE, MD.—It is stated that bids will be received by County Commissioners until Sept. 12 for macadamizing about one mile of road between Rock Creek and Norbeck.

HUNTINGTON, W. VA.—City will vote in October on the issuance of $100,000 of bonds for paving various streets and constructing sewers.

MOUNDSVILLE, W. VA.—The city is considering the paving of Eighth St., from Lafayette to Lockwood Ave.

MACON, GA.—The city will vote Oct. 3 on the question of issuing $75,000 in bonds for additional street paving. J. W. Wilcox is Cy. Engr.

FERNANDINA, FLA.—The city is considering the paving of Center St.

PENSACOLA, FLA.—It was decided to issue $15,000 bonds for paving. Chas. H. Bliss is Mayor.

FORT DE SOTO, FLA.—The contract for constructing brick roads and concrete walks at this post has been awarded to H. WALTER FULLER, of Bradentown, for $22,750.

BOONEVILLE, MISS.—The town has voted the proposed $10,000 bond issue for graveling the principal streets.

GRENADA, MISS.—We are informed that this city will do considerable street improvements this fall in the way of granolithic sidewalks, graveling streets, etc. W. Wallis, Engr.

OWENSBORO, KY.—An election will be held here to decide the question of issuing $250,000 in bonds for road work. Address County Clerk for information.

LOUISVILLE, KY.—The Board Public Works will receive bids until Sept. 11 for the improvement of sundry alleys. J. B. F. Breed, Cy. Engr.

YOUNGSTOWN, O.—Sealed proposals will be received by Board Public Service until Sept. 12 for grading of Glenwood Ave., from Orange St. to Mahoning Ave. G. T. Prosser, Clk.; F. M. Lillie, Cy. Engr.

MARYSVILLE, O.—There were only two bids presented to Council at its special meeting Aug. 28 for the paving of West Fourth St. The Barber Asphalt Co., of Cleveland, presented a bid of $1.60 per sq. yd., exclusive of excavation, curbs, etc. The other bid was by F. S. Mitchell, of Bellefontaine, for $1.55 per sq. yd., Metropolitan or Bolen block to be used. Council rejected both bids, as they were irregular and not according to specifications.

CLEVELAND HEIGHTS, O.—Sealed bids will be received by Wm. G. Phare, Vil. Clk., 402 American Trust Bldg., Cleveland, until Sept. 26 for the improvement of Fairmount Boulevard by grading, draining and paving with macadam. Wm. H. Evers Engineering Co., Engr 237 Arcade Bldg., Cleveland.

CHILLICOTHE, O.—Bids are asked by Board Public Service until Sept. 12 for about 2,550 ft. of curbing and 4,600 sq. yds. of brick paving. H. M. Redd, Cy. Engr.

OTTAWA, O.—Bids are asked by County Commissioners until Sept. 16 for construction of 10½ miles of stone road; est. cost, $43,754. O. C. Talbot, County Surv.

MADISONVILLE, (Sta., Cincinnati), O.—Bids are asked by J. A. Conant, Vil. Clk., until Sept. 22 for furnishing and delivering f. o. b. Madisonville about 2,579 cu. yds. stone, 750 cu. yds. fine crushed stone or screenings, and 36,000 sq. yds. sprinkling and rolling.

BRAZIL, IND.—County Commissioners will receive bids until Sept. 14 for constructing gravel roads. J. Frank Smith, County Audr.

RICHMOND, IND.—It is reported that the Board Public Works will lay cement sidewalks on several streets.

INDIANAPOLIS, IND.—Bids are asked by Board Public Works until 10 a. m., Sept. 11 for paving, grading, curbing and laying new sidewalks on Davis St. M. A. Downing, Pres.

LEBANON, IND.—Bids will be received by Common Council until 7.30 p. m., Sept. 11 for constructing cement sidewalks. Edmund Connor, Cy. Clk.

LANSING, MICH.—Dr. Champion, 419 Townsend St., will receive bids for one mile of Ohio stone curbing.

KALAMAZOO, MICH.—Bids will be received this fall for brick paving in sundry streets. M. C. Taft is Cy. Engr.

JACKSON, MICH.—This city contemplates laying about 12,000 sq. yds. of asphalt paving. A. B. Stevens is Cy. Engr.

PONTIAC, MICH.—A resolution has been adopted by City Council ordering the paving of South Saginaw and Jackson Sts. and Oakland Ave. Wm. J. Fisher is Cy. Engr.

ALTON, ILL.—The Board Local Improvement, it is stated, has favorably reported the ordinance providing for the paving with brick of Alby, Eighth, Third, Market and Prosa Sts. Cost, about $100,000.

PEORIA, ILL.—The Board Local Improvement is considering the paving of Western Ave. with brick. W. L. Stebbings is Cy. Civ. Engr.

UPPER ALTON, ILL.—J. C. Anderson, Cy. Civ. Engr., informs us that bids for approximately 2,600 sq. yds. of brick sidewalks will probably be opened about Sept. 9.

STERLING, ILL.—The City Council has let contract to CHAS. J. BEESLER, of Cedar Rapids, Ia., to macadamize 22 blocks of streets in this city for $15,302.

STERLING, ILL.—The city is considering the paving of West Fourth St. and Avenues A and B, with brick, at a cost of $29,000. John D. Arey is Cy. Engr.

OMAHA, NEB.—Ordinances have been passed by Council ordering paving on the following streets: 23d, brick block; 20th, asphalt; Howard, asphalt; Douglas, brick block. Andrew Rosewater, Cy. Engr.

MACON, MO.—The city will let contract this month for 12,000 sq. yds. of brick paving. C. J. Du Bois is Cy. Engr.

LITTLE ROCK, ARK.—The contract for paving of Center St. has been awarded to ARKANSAS ROCK ASPHALT CO., of Little Rock. Cost, $13,000.

HOT SPRINGS, ARK.—We are advised that this city will soon ask for bids for street paving. Address C. F. Cooley, Secy. Business Men's League.

DENVER, COLO.—The Board Public Works opened bids Aug. 21 for paving of Welton St. with asphalt. The following bids were received: Denver & Pueblo Const. Co., $43,441; Colorado Paving Co., $37,398; Colorado Co., $41,596.

SPOKANE, WASH.—The contract for grading, curbing, parking and sidewalking Shannon Ave., from Monrow St. to Bolt St., was awarded to PETER COSTELLO, for $9,000.

SALT LAKE CITY, UTAH.—Resolutions providing for the paving with asphalt, cement gutters and sidewalks on State St. were adopted by Council. Geo. W. Riter is Cy. Engr.

MANUFACTURING PLANTS.

The names of parties awarded contracts are printed in capital letters.

BROOKLYN, N. Y.—E. F. Gaylor, Arch., 84 Broadway, Brooklyn, has plans for a one-story brick factory building, 194 × 100 ft., for the Iron Clad Mfg. Co., Cook St. and Bushwick Ave., Brooklyn. Cost, $19,000.

JERSEY CITY, N. J.—M. W. Kellogg & Co., 37 Dey St. New York City, have had plans prepared for a 1½-story bachine shop. 96 × 232 ft., which they will erect on West Side Ave., Jersey City.

CAMDEN, N. J.—The SMITH-HARDICAN CO., Perry Bldg., Philadelphia, Pa., has been awarded the contract for plant for the Taylor-White Extracting Co.

CARBONDALE, PA.—The contract for two-story laundry and boiler house for Carbondale Hospital Association has been let to WOELKERS, BEILMAN & ZITZELMAN, of Scranton.

WILKESBARRE, PA.—The Wilkesbarre Lace Mills are having plans prepared for large additions to its lace mills.

PHILADELPHIA, PA.—The Lehigh Mfg. Co. will erect a boiler and engine house at 22d and Somerset Sts. WM. STEELE & SONS, 16th and Arch Sts., have been awarded the contract. Brick, 1-story, 180 × 50 ft.

GREENVILLE, PA.—Greenville Silica, Sand & Quarry Co., Richard H. Brodhead, Mgr., is putting up a sand manufacturing plant here, with a capacity of 125 to 150 tons per day, with buildings so erected that the capacity can be increased to 400 tons per day.

PITTSBURG, PA.—M. C. Conway, Arch., Syracuse, N. Y., has prepared plans for brewery, to be erected at Pittsburg by a company in which Herman Bartels, Syracuse, is interested. Cost, $800,000.

BERWICK, PA.—It is reported that plans will soon be started by the American Car & Foundry Co. for the erection of an immense steel plant at this place, to cost about $500,000.

LEWISBURG, PA.—Partridge & Son will have plans prepared for chair factory at this place. New equipment will be installed.

MORRISTOWN, PA.—The Ballard Knitting Mill Co. has invited bids for two-story knitting mill. Boiler, engine and transmission machinery will be installed.

READING, PA.—L. H. FOCHT has been awarded contract for remodeling brewery for the Reading Brewing Co. Brick and steel, fireproof, 5 stories, 40 × 80 ft.

WEST MORRISVILLE, PA.—The Pennsylvania R. R. Co. has awarded contract for its machine shop and boiler house here to ARMSTRONG & LATTA, Land Title Bldg., Philadelphia.

WILMINGTON, DEL.—John D. Thompson, Jr., of Wilmington, we are informed, has plans for building for F. Blumenthal & Co. Brick and reinforced concrete, mill construction, 5 stories, 53 × 171 ft., slag roof, electric wiring, plumbing and steam fitting. Bids will be taken until Sept. 15.

BALTIMORE, MD.—Fred. Bauernschmidt, 1120 Hillen St., has secured permit to raze dwellings at 916 and 924 East Monument St. preparatory to the erection of proposed bottling plant, for which plans have been prepared. It is stated that no general contract will be awarded, but the work let by subcontract.

BALTIMORE, D.—The Baltimore & Ohio Railroad Co. has had plans prepared by J. E. Greiner, of the engineering department, for a building 100 × 300 ft., to be erected at Riverside. The structure will include a number of shops and offices. It will be one and two stories high, containing engine house 40 × 40 ft., boiler house 60 × 40 ft., blacksmith shop 60 × 100 ft., machine shop 100 × 100 ft., carpenter shop 30 × 100 ft., two-story section for offices 30 × 100 ft. The roundhouses will be 390 ft. in diameter, with 26 stalls for engines. There will be two turntables and several smaller buildings. Alternate estimates on roundhouses for swinging slat doors. Construction of brick and reinforced concrete with slag roof.

ONTARIO, VA.—A grist mill will be erected here by the Ontario Milling Co.

EMPORIA, VA.—The Ashley Cotton Mill Co. will double the capacity of its 5,000-spindle plant. Contracts for machinery, etc., will not be awarded for some time, as a water power is to be developed first. This development will consist of obtaining 400 HP. from the Meirerrin River, to be transmitted by electricity. It will develop the entire power available, and plans are now being prepared. T. Ashley Blythe, 114 Chestnut St., Philadelphia, Pa., is Pres.

INDEPENDENCE, VA.—J. G. Davis and associates will build a roller-flour mill and develop the water power of Mallory falls to operate the plant.

BRISTOL, VA.—Peters-Goodwyn Co. has incorporated with Geo. D. Peters, Pres., and P. A. Goodwyn, Secy.-Treas., to operate ice plant, deal in coal, etc. A building 60 × 140 ft. will be erected and a 65-ton refrigerating machine installed. Neither architect nor engineer have been selected.

WHEELING, W. VA.—Wheeling Wall Plaster Co. will rebuild plant recently burned. About $8,000 will be invested.

KENOVA, W. VA.—The Kenova Box Co.'s plant was destroyed by fire, at a loss of $60,000.

HUNTINGTON, W. VA.—According to the "Pink Sheet Daily Bulletin" of Chattanooga, Tenn., the Jarvis Machinery & Supply Co. will establish a plant here to manufacture steam turbines. Jos. C. Jarvis is a member of the firm.

CONCORD, N. C.—The Cabarrus Cotton Mill contemplates building a large addition to its plant.

YORKVILLE, S. C.—The Yorkville Monument Works, recently incorporated with $10,000 capital stock, has completed organization with W. R. Moore, Pres., and W. Brown Wylie, Secy.-Treas. Two buildings, 30 × 60 ft. and 20 × 40 ft., will be erected. The company will manufacture marble and granite monuments.

SAVANNAH, GA.—Chas. P. Rossignol, 214 Jefferson St., is completing arrangements for the establishment of plant to manufacture cloth-covered caskets, coffin and casket lining, and robes.

TUSCALOOSA, ALA.—The machine shop of Strickland Bros. was destroyed by fire; loss, $60,000. It is reported that the plant will be rebuilt.

MOBILE, ALA.—The Dauphin Street Planing Mill, recently reported incorporated with $25,000 capital stock, will erect mill building, 80 × 100 ft.; daily capacity to be 40,000 ft. of dressed and rough lumber. F. B. Brown is Pres.

MEMPHIS, TENN.—W. H. Carter, of Atlanta, Ga., and others contemplate establishing a bag factory here at a cost of $250,000.

MEMPHIS, TENN.—The plant of the Tennessee Fiber Co. was partly destroyed by fire; loss, $50,000.

LOUISVILLE, KY.—Co[illegible] for the erection of the new Fall City [illegible]ery has been awarded to HUETTERM[illegible] CRAMER & CO., of Detroit, Mich., to [illegible] erected at 29th St. and Broadway. Bottl[illegible] and ice plant will also be erected. Cost, [illegible],000.

LOUISVILLE, KY.—The [illegible] City Brewing Co. will erect a 60,0[illegible] brewery at a cost of $250,000. M. J. [illegible] is Pres.

YOUNGSTOWN, O.—Pla[illegible] been partially completed by Julian [illegible]edy, Engr., Bessemer Bldg., Pittsburg, for the new Bessemer steel plant of the [illegible]town Sheet & Tube Co., of which J[illegible] Campbell is Gen. Mgr. Contracts are [illegible]ing let by Messrs. Kennedy and Camp[illegible] jointly.

FREMONT, O.—S. H. [illegible]y & Son, Archs., have prepared pla[illegible] will take figures until Sept. 9 for a [illegible]ry factory building, 50 × 90 ft., for the [illegible]mont Bldg. & Supply Co.

CLEVELAND, O.—Sealed p[illegible]ls will be received by Adam B. How[illegible] D., Secy. Bd. of Trustees, Cleveland [illegible] Hospital, until Sept. 16 for the erec[illegible] and equipment of a cold storage p[illegible] Frank L. Packard, Arch., Columbus.

INDIANAPOLIS, IND.—O. [illegible]hover, 534 East Washington St., is con[illegible]lating the erection of a factory for ma[illegible]ture of a self-dumping wagon box.

EVANSVILLE, IND.—F. [illegible] Schlotter, Arch., has plans for factory [illegible]ding, 85 × 125 ft.

GRAND RAPIDS, MICH.—W. [illegible] & F. S. Robinson, Archs., Houseman Bldg., will receive bids until Sept. 11 for the construction of a furniture manufacturers' building on North Ionia St.

GRAND RAPIDS, MICH.—O[illegible] & Osgood, Archs., Widdicomb Bldg., are preparing plans for a four-story brick addition, 71 × 60 ft., to plant of the Bissell Carpet Sweeper Co. Cost, $25,000.

CHICAGO, ILL.—Francis M. Barton, Arch., 169 Jackson Blvd., is preparing plans for factory building to be erected at 63-5 South Canal St., for S. P. Richmond. Cost, $35,000.

EAST MOLINE, ILL.—The Root & Van Dervoort Mfg. Co. will build an addition to its automobile factory. Cost, $12,000. No architect selected.

WASHBURN, WIS.—The Washburn Brick & Tile Co. has just been formed and will construct a plant costing $20,000.

WATERLOO, IA.—J. G. Ralston, Arch., has plans for a four-story shoe factory building, 60 × 150 ft., for the Sycamore Building Co. Cost, $20,000. Address owner.

DES MOINES, IA.—Liebbe, Nourse & Rasmussen, Archs., are preparing plans for new five-story factory here, 66 × 120 ft., to cost $40,000.

ST. PAUL, MINN.—The Hackett-Walther-Gates Hardware Co. will erect a four-story addition to its plant next spring. Cost, $50,000.

ST. PAUL, MINN.—Long & Long, Archs., 830 Hennepin Ave., Minneapolis, awarded contract for the erection of A. Booth & Co.'s cold storage warehouse to BUTLER BROS., of St. Paul. The building will be six stories high, of fireproof, concrete and steel construction. Cost complete, $200,000.

ST. LOUIS, MO.—Bids will be received by E. Ward, Benoist Bldg., until Sept. 18 for construction of a five-story stamping building, 44 × 104 ft., and a one-story galvanized building, 40 × 70 ft., for the Crunden-Martin Wooden Ware Co., Main and Cedar Sts., Mauran, Russell & Garden, Archs., Chemical Bldg. Total cost, $60,000.

HUMPHREY, ARK.—The Sonatheimer Lumber Co. will erect a saw and planing mill.

FORT SMITH, ARK.—The United Walnut Log Co. has purchased land from the Fort Smith Wagon Facvtory Co., upon which to erect a walnut log plant, at a cost of $75,000.

HOUSTON, TEX.—Hugh Hamilton and others have applied for charter to erect an ice factory.

MARKHAM, TEX.—The Markham Rice Milling Co. will rebuild its plant, recently destroyed by fire, at a loss of $75,000, as soon as plans are completed.

OAKLAND, CAL.—A new concrete building for tank department of the Redwood Mfg. Co. is to be erected at once. A new engine, boiler and machinery is to be installed. Cost, $50,000.

LACHINE, QUE.—It is reported that the Simplex Railway Appliance Co., of St. Henri, Que., will erect a new plant at Lachine. The company will soon be in the market for equip-

MISCELLANEOUS CONTRACTS.

The names of parties awarded contracts are printed in capital letters.

DITCH.—Van Wert, O.—Bids are asked by W. H. Troupe, County Audr., until Sept. 26 for constructing Little Auglaize ditch. Est. cost is $10,000.

DREDGING.—Washington, D. C.—Bids are asked by Bureau Yards and Docks until Sept. 23 for dredging and filling in at reserve basin, League Island Navy Yard, Pa.

POLICE TELEPHONE SYSTEM.—Kearny, N. J.—Bids are asked until 8 p. m. Sept. 27 for a police telephone system. (Advertised, Engineering News.)

SUBWAY.—Auburn, N. Y.—Contract for building subway for electric wires for this city is stated to have been let to JOSEPH DUNFEE, Syracuse, N. Y., for $1[illegible],000.

CONCRETE DOCK.—Chicago, Ill.—Bids are asked by Trustees Sanitary District of Chicago, Zina R. Carter, Pres., until Oct. 25 for building a concrete dock along water front of W. C. Seipp Building.

CONCRETE DAM.—Dayton, O.—Bids are asked by Board Public Works, Wm. F. Miller, Clk., until noon Sept 12 for construction of a concrete dam across the Great Miami River in Riverdale.

READERS' WANTS If any one is in the market for any engineering or contracting supplies, the first thing to do is to refer to our advertising pages, but if the buyer cannot find what he wants we particularly ask that he notify us at once and we will inform the proper parties without cost to the inquirer. A copy of **ENGINEERING NEWS BUYERS' GUIDE** will be mailed to any one upon application. This paper will always appreciate any news notes regarding public, or important private work, and will be pleased to receive detailed items. Requests to hold names will be complied with in every case. **Do not fail to write our advertisers or us.**

GASOLINE ROCK DRILLS.—Mono Lake, Calif.—H. Gould writes us that he wishes the addresses of makers of gasoline rock drills.

BROKEN LIMESTONE.—New York.—Vermilye & Power, 17 Battery Pl., writes us that it is desired to purchase 100 yds. of broken limestone.

SEPTIC TANKS.—Jackson, Miss.—Sands, Key & Ort, Contractors, 501 Seutter Bldg., Jackson, Miss., write us that they wish data relating to septic tanks.

CHAIR MACHINERY.—Luray, Va.—Jno. C. Richards, R. F. D. No. 4, Luray, is reported in the market for machinery to be used in a chair factory.

ENGINEERS' RAIN COAT.—Mitchells Mills (Indiana Co.), Pa.—Walter A. Jones, of Mitchell Mills, writes us that he wishes to purchase an engineer's rain coat.

RACE TRACK CONSTRUCTION.—Montgomery, Ala.—We are informed that S. E. Washburn, Co. Engr., desires data relating to the construction of race tracks.

DRAW SPAN.—Dyersburg, Tenn.—A. R. Thurston, Ch. Engr., Dyersburg Northern Ry., writes us that he wishes to buy a second-hand drawspan of 120 or 125 ft. length.

CONCRETE MIXERS AND CONCRETE BLOCK MACHINES.—Germany.—John E. Kehl, U. S. Consul at Stettin, Germany, writes us that there is a market here for the above.

REINFORCED CONCRETE RESERVOIR.—New Castle, Ind.—E. McDowell, C. E., writes us that he wants data relating to reinforced concrete reservoirs of about 1,000,000-gallon capacity.

PAPER MILK BOTTLES.—New York, N. Y.—M. E. Davis, Park Row Bldg., writes us that he has an inquiry from a foreign export house for 2,000 milk bottles made of hydraulically pressed paper.

SLUICE GATES.—Lewiston, Idaho.—J. O. Maxon, C. E., Lewiston, writes us that information, etc., is wanted regarding sluice gates, etc., to be built in connection with an irrigation system.

AWNING AND TENT MACHINERY.—East Point, Ga.—It is stated that names of makers of machinery for making tents, awning, etc., are wanted. Address P. O. Box 53, East Point, Ga.

GARBAGE CREMATORIES.—Newport, R. I.—Jos. W. Sampson, Executive Officer, writes us that he wishes the names of concerns who make a specialty of installing garbage crematories.

DIAMOND DRILL.—Ogden, Utah.—L. B. Spencer, C. E., writes us that he is in the market for a diamond drill outfit suitable for bedrock explorations, and asks for the names of firms making such material.

SAND BLAST OR BLOWER.—Houston, Tex.—I. Austin Miller, Cy. Engr., writes us that he wishes the addresses of manufacturers of sand blasts or blowers for removing rust from old iron and steel bridges.

SOAP MANUFACTURING MACHINERY.—Baltimore, Md.—The McCay Engineering Co., 9 E. Lexington st., writes us that it wishes to be placed in correspondence with manufacturers of soap making machinery, especially tubs and vats.

GASOLENE ENGINES.—Braddock, Pa.—The Carnegie Steel Co., A. C. Myers, Braddock, writes us that he wants the names of manufacturers of gasolene engines ranging in power from 3 to 10 HP., and suitable for propelling launches.

CEMENT TESTING APPARATUS.—Glendale, Mass.—F. N. Fowler, Jr., Consult. Engr., Box 43, Glendale, writes us that he wishes to be placed in correspondence with manufacturers of apparatus for testing cement, as he is in the market.

SWEDISH IRON MAKERS.—New York, N. Y.—J. E. Ogden Co., 147 Cedar St., writes us that it wants a list of Swedish iron makers. The company is in the market for beams, angles, and channels—500 tons of 12-in. 20½-lb., and 250 tons of 8-in. 11¼-lb.

SUGAR REFINING MACHINERY.—Mobile, Ala.—Geo. Strange, 70 St. Michael St., writes us that he wants information and prices on machinery for refining and manufacture of cane syrup. A small but complete plant is wanted.

RAILWAY AND ELECTRIC LIGHT SUPPLIES.—Riverside, N. J.—P. R. Goldey, Supt. Camden & Newton Ry., Riverside, N. J., and Land Title Bldg., Phila., writes us that he is in need of catalogues of manufacturers of the above, and writes to be placed in correspondence with the same.

CRUSHERS FOR RETORT-CARBON.—New York, N. Y.—A correspondent wishes to receive catalogues, prices, etc., from manufacturers of crushers, suitable for retort-carbon. Address full particulars to "E. H. F.," care Engineering News, 220 Broadway, New York.

CONCRETE SIDEWALKS.—Pelham Manor, N. Y.—Smith Alford, Contractor, 181 Broadway, N. Y., writes us that he has a contract for about 1½ miles of concrete sidewalks, and he wishes to secure data relating to the latest specifications for such walks, and also methods of laying concrete sidewalks.

BOILERS AND ENGINES.—It is stated that boilers or engines are wanted by the following: Brittain Tobacco Works, of Richmond, Va., the Quaker Marble Co., Friendsville, Tenn., Fla. Hospital for the Insane, Chattahoochee, Fla., J. A. Millican, P. O. Box 14, Gause, Tex., and W. R. Anthony, Mayor, Marlow, Ind. T.

OAK PILING LUMBER, ETC.—Covington, O.—The Hoover & Kinnear Co., Contractors, Covington and Columbus, writes us that it is in the market for several thousand feet of oak piling, 25 and 30 ft. long, also several hundred thousand feet of lumber and timber, both pine and hardwood, for work near Covington. It is desired to be placed in correspondence with dealers located near the place of operations.

DRAINAGE DITCHES.—Slater, Ia.—Contracts are to be let soon for a drainage ditch in Polk and Story counties, Iowa, which is estimated to cost about $6,000. Several other large ditches are projected, and we are informed that over $200,000 are to be expended on ditching in these two counties. All the work is to be done by steam ditching machines, and correspondence from contractors and builders of these machines is invited. Address S. O. Wald, Attorney, Slater, Ia.

ELECTRICALLY DRIVEN PUMPS.—Berkeley, Calif.—O. P. Phillips, Consult. Engr. Middle River Navigation & Canal Co., 1334 Spruce St., writes us that this company is considering the question of purchasing a number of electrically driven pumps for use upon its various reclamations. The motor will vary from 12 to 250 HP., and will pump for irrigation and drainage. It will have a lead ranging from 8 to 36 ins. While it may be some time before these pumps are wanted, it is suggested by Mr. Phillips that makers send catalogues.

RAILWAY SUPPLIES, EQUIPMENT, STEEL PILING, ETC.—New Jersey.—A correspondent connected with certain government work writes us that he is preparing estimates for about a mile of railway track to be used by the U. S. Government. Our correspondent states that there will be required 60-lb. rails, splice bars, bolts, spikes, cross ties (yellow pine), steel piling, etc. Itemized prices are wanted at once per ton, per keg, per tie, etc., as the case may be. Address, immediately, "J. H. P.," care Engineering News, 220 Broadway, New York.

ELECTRIC LIGHT AND POWER PLANT.—Elgin, Ore.—Walter S. Fortiner, care Hotel Elgin, writes us that a company in this city proposes to install an electric and power plant. It is proposed to install a plant of 3,000 light capacity. The new company wishes to be placed in correspondence with manufacturers of machinery for such a plant. The plant must also be capable of developing 200 HP. There will be wanted an engine, boilers, etc. Fuel to be used is fine shavings and other similar waste from planing mills. The plant will take the place of an old water power plant.

MINING MACHINERY, CONTRACTORS' SUPPLIES, EQUIPMENT AND MACHINERY.—South Africa.—F. H. Clarke & Co., Ltd., Agents, P. O. Box 4294, Johannesburg, So. A., write us that they are in the market for any and all equipments and articles of maintenance connected with all departments of gold, coal, and diamond mining. Catalogues are wanted at once, giving prices, etc., from manufacturers of steam plants, boilers, condensers, feed water heaters and purifiers, hydraulic steam and air hose, couplings, hydraulic piers, filler press, tool and drill steel, boiler scale cleaners, compounds, mine and feed pumps, elevating and conveying machinery, aerial rope trams, wire, hemp and cotton rope for haulage and transmission, conveyor buckets, pressed and stamped shapes; sheets, flat, bent or tubular, perforated and plain, zinc or steel; wire woven, all meshes, 64 to ¼ in.; rolls and special shapes and sizes and all gages; rock drills, air and hand power; ball and roller bearings, brass goods, engineers' lines, emery wheels and cloth, files and hand tools, steam packings, metallic and others, lubricating greases, filter press, cloth and screening cloth, mine car wheels, light track supplies, car bodies, etc. It is desired to become the exclusive agents for manufacturers of any or all of the above, as there are splendid opportunities for developing the trade in South Africa.

PIER EXTENSION.—Grand Rapids, Mich. —Bids are asked until 3 p. m., Oct. 4 for extension of pier at Holland (Black Lake), Mich. Col. M. B. Adams, U. S., Engrs. (Advertised, Engineering News.)

DAM REPAIRS.—Albany, N. Y.—Bids are asked by N. Y. Franchot, Supt. Pub. Wks., until noon Sept. 14, for repairing the apron of the State dam on the St. Regis River at Brasher Falls, St. Lawrence County.

ELEVATORS.—Baltimore, Md.—Bids are asked at office James Knox Taylor, Supervising Arch., Washington, D. C., until 3 p. m., Sept. 26, for passenger and freight elevators at the Custom House, Baltimore.

DOCK WORK.—Chicago, Ill.—Bids are asked by Department Public Works, Joseph M. Patterson, Comr., until 11 a. m. Sept. 13 for building about 78 ft. of dock, including removal of old dock at west end of East Washington St.

PORTLAND CEMENT.—Los Angeles, Cal. —Bids are asked at office of Supervising Engineer, U. S. Reclamation Service, Los Angeles, until 10 a. m. Sept. 30 for furnishing from 30,000 to 40,000 bbls. Portland cement. (Advertised, Engineering News.)

TRACK EXTENSION.—Washington, D. C. —Bids are asked by Bureau Yards and Docks until Sept. 30 for constructing an extension of track for locomotive crane, Navy Yard, Boston. Specifications may be seen at office of Engineering News, 220 Broadway, New York.

LOCK, DAMS, ETC.—Chicago, Ill.—Bids are asked by Sanitary District, Zina R. Carter, Pres., until noon Nov. 1 for building one canal lock, two movable dams and a fender wall, as a part of the water power development near Lockport. (Advertised, Engineering News.)

LAND DRAINAGE.—Bloomingdale, Ill.—The farmers in this vicinity have awarded a contract for $6,581 to W. D. HITTLE & CO., of Tuscola, Ill., for the construction of 3½ miles of farm drains (with 12-in. to 24-in. pipe) in the north part of Du Page county. C. A. Prout, of Wheaton, Ill., is Engr.

MINING TUNNEL.—Jerome, Ariz.—Bids are asked by Decatur Copper Mining Co., W. S. Owen, Supt., until noon, Sept. 12, for 100 ft. of work in the Decatur Co.'s mine, two miles southeast of Jerome. The company will furnish all the machinery and tools now on the ground. The contractor to furnish all labor and supplies.

TELEGRAPH BOXES, ENGINES.—New York, N. Y.—Bids are asked by the Fire Commissioner, 157 East 67th St., until 10.30 a. m., Sept. 14 for furnishing and delivering 50 fire alarm boxes for the Borough of Queens. Bids are also asked until Sept. 14 for furnishing and delivering one second size steam fire engine and two-third size fire engines.

DITCH WORK.—Council Bluffs, Ia.—Specifications may be seen at New York office of Engineering News, 220 Broadway, New York, and also at the Chicago office of this paper, for the Harrison and Pottawattomie County drainage work. Bids for the work, which involves handling of about 1,500,000 cu. yds. of earth, are asked until Sept. 18 as is advertised in Engineering News.

WASH BORINGS.—New York, N. Y.—Bids are asked by Board Rapid Transit R. R. Comrs., Bion L. Burrows, Secy., until noon Sept. 20 for making wash borings on lines of proposed rapid transit routes in the city of New York including also wash borings on the limits of such routes as pass under the East and Harlem Rivers and other navigable waterways. (Advertised, Engineering News.)

ELECTRICAL SUPPLIES, STEEL ETC.—Washington, D. C.—Bids are asked by Bureau Supplies and Accounts, until 10 a. m., Sept. 19, for furnishing a quantity of naval supplies, among which are the following: Schedule 105, electrical supplies, yellow pine, structural steel, pipe and fittings hose carts; Schedule 106, bolts and nuts, yellow pine, spruce poles, bar iron, etc. H. T. B. Harris, Paym.-Gen., U. S. N.

BRICKS, BLOWER, ETC.—Washington, D. C.—Bids are asked by Bureau Supplies and Accounts until Oct. 3 for furnishing a quantity of naval supplies, among which are the following: Schedule 113, brick, nuts, iron pipe, etc.; Schedule 114, electrical fixtures, drills, saws, hose, etc.; Schedule 115, pine, steel, pipe fittings, etc.; Schedule 116, blower, fans, etc.; Schedule 118, cement, pine, belting, etc. H. T. B. Harris, Paym.-Gen., U. S. N.

CABLE, TOOLS, MOTORS, ETC.—Washington, D. C.—Bids are asked by Bureau Supplies and Accounts until 10 a. m., Sept. 19, for furnishing a quantity of naval supplies, among which are the following: Schedule 108, electrical cable, pipe bending machines, miscellaneous tools, etc.; Schedule 109, incandescent lamps, circuit breakers, ammeters, etc.; Schedule 111, motors, electrical supplies, pine, ash, oak, etc. H. T. B. Harris, Paym.-Gen., U. S. N.

MACHINERY.—Washington, D. C.—Bids are asked by Bureau Supplies and Accounts until Oct. 10 for furnishing a quantity of machine tools, as follows: Schedule 122, track scale, rock crushing plant; Schedule 123, boring and drilling machine; Schedule 124, lathes, engraving machine, milling machine, drill presses, gland machine, magnetic metal separator, hydraulic shaft straightening machines, band saw, planer and joiner, steam hammer, pipe bending machines, drilling and boring machine, boring and turning mill, radial drills.

INDUSTRIAL NOTES.

THE MUNICIPAL ENGINEERING & CONTRACTING CO., Railway Exchange, Chicago, announces that it has made a change in its methods of leasing its Chicago trench excavating machine to contractors. Up to the present time they have been leased only for one contract at a time, but as many contractors have desired to have control of the machine in certain territory it has been decided to lease the excavators for a term of years with the privilege of their exclusive use within the territory covered by the lease.

U. S. POSSESSIONS AND CUBA.

The names of parties awarded contracts are printed in capital letters.

SUGAR FACTORY.—Cuba.—A large central sugar factory is projected for the American town of La Gloria, in Puerto Principe Province, Cuba, the Mayor of that place having arranged with several United States capitalists to purchase a tract of sugar cane land, comprising 26,000 acres, at Victoria de Cunas.

RAILWAYS.—Philippines.—The date for opening bids for franchises for the construction of certain railway lines in the Philippines has been postponed from Nov. 1 to Dec. 1. This was done in order to give prospective bidders more time for investigation; that a railroad expert might be engaged by the Government of the Philippine Islands and familiarize himself with the conditions; and that the greatest publicity might be given the work. It is not likely that any other change will be made in the prospectus, and as the matter now stands, bids will be opened Dec. 1 at the hours and places originally stated.

FOREIGN CONTRACTS.

The names of parties awarded contracts are printed in capital letters.

ARTESIAN WELLS.—Turkey.—The Turkish Government has announced its intention of sinking a number of artesian wells in the vilayets of Konia and Angora, where vast stretches of good land are at present uncultivated owing to lack of water.

TELEGRAPH LINE. — Italy.—A law has been published sanctioning the expenditure by the Italian Ministry of Posts and Telegraphs of $70,000 on the installation of telegraph and telephone wires in the Simplon Tunnel, to connect the Brigue telegraph office with the station at Iselle.

ELECTRIC TRAMWAYS.—Argentina.—A company formed by the Sociedad Mutual de Tranvia de Bruselas and the Union Anversoise de Tranvia de Amberes, has acquired the concession recently obtained by Sawyer & Lacaze, of Buenos Aires, for a system of electric tramways in that city.

BUILDING.—Netherlands.—The programme for the international architectural competition for the Palace of Peace in the Hague was issued Aug. 11. About $650,000 has been appropriated for the building, designs for which are to be received before March 1, 1906. Further information can be obtained from D. E. C. Knuttel, Arch., Fluweelen Burgwal, The Hague.

POWER PLANT.—Italy.—The Societa Lombardia per Distribuzione di Energia Elettrica, of Milan, has voted an issue of new stock amounting to $1,544,000, which will for the most part be devoted to building a new power plant at Brusio for the manufacture of electrical current over long distances, and for the enlargement of the central power station at Castel'anza. The new station at Brusio will demand new work in building and equipment amounting to more than half the total appropriation.

RAILWAYS.—Spain.—The capital of the Compania de los Ferro-carriles Suburbouns de Malaga, which proposes the construction of two narrow-gage railways, has been subscribed. One of these lines will run from Malaga to Torre del Mar and Velez-Malaga (population 23,000), a distance of some 21 miles along the coast to the east. The other line, of 20½ miles, for which a concession was granted last March, will connect with Malaga the important fruit districts, of which Alhaurin el Grande and Coin are the centers.

CONDENSERS, BOILERS, TRANSPORTS, ETC.—Argentina.—The Argentine Congress has sanctioned the expenditure of $2,000,000 gold on various purchases for the navy of that country. Among the purchases will be one transport vessel of 2,000 tons, two of 600 tons each, and four of 160 tons each, and a steamer for placing automatic mines. A variety of naval stores, such as condensers, boilers, tubes, ammunition, gyroscopes, telescopes, compasses, sextants, materials for electric and radio-telegraphy, dynamos, etc., are also to be purchased out of this credit.

RAILROAD.—Italy.—The Societa per la Tramvia Lucca-Pescia-Monsummano has been organized at Lucca and Leghorn for the construction and operation of steam or electric lines, which will connect the towns named in the title of the corporation, and others. The company also declares its intention to establish public automobile service for towns tributary to and not directly connecting on its main lines. The capital is about $2,400,000, and the promoting companies include half a dozen of the banks, together with many private capitalists in the vicinity of Leghorn.

RAILWAY PLANT.—Bolivia.—The Bolivian Government has extended the time until Dec. 30 for receiving tenders for the supply of the plant and rolling stock of a railway to be constructed between Urguni and Potosi. By the terms of the decree the gage of the railway is to be of 1 meter or 75 centimeters, corresponding to that of the line under construction from La Quiaca to Tupiza in the first case, and to that of the railway from Antofogasta to Oruro in the second. The rolling stock is to be of the best quality, and will consist of seven locomotives, five first-class carriages, five second-class carriages, four luggage vans, 20 good wagons, 30 trucks and 10 flat cars.

RAILWAY.—Brazil.—The concession for a new railroad in the State of Santa Catharina, has been taken up by German capital. The first section of the road will connect Blumenau and Harmonnie, 75 kilometers distant, and will then continue up the west bank of the Itagahy River, about 200 kilometers. Later on it is proposed to extend it farther north, opening up a very rich agricultural and timber country and eventually connecting with the main line of railway in the State of Sao Paulo. For the first portion of this work an appropriation has been made, by the German syndicate, of about $6,000,000. Doctor Wiegan, a Managing Director of the North German Lloyd Steamship Co., is reported to be president of the new railway.

RAILWAY.—South America.—S. H. Nigh, Pres., Equitable Land & Lumber Co., Cattletsburg, Ky., writes us that a certain party has a contract with one of the South American states which calls for building a railroad. "The contract carries with it, among other things, a concession of over 500,000 acres of valuable mahogany and cedar lands that abound in minerals of great value; also freedom from taxation for a long term of years; also the right to purchase every other section of land at a low price and the right to purchase the mahogany and cedar trees (on land not ceded) at a low price." Mr. Nigh would like to get in touch with parties who would undertake the building of the railroad, accepting lands in part payment.

RAILWAY.—Belgium.—For sometime the Belgian and German governments have been discussing the construction of a new railway to connect Ostend with Aix-la-Chappele, and now the former government has asked its Parliament for a credit of about $14,000,000 for the work. By means of electrical appliances especially, this new railway would effect a considerable shortening of the time of the journey from Germany to Brussels, Ostend and Antwerp, and with this end in view the road will be laid out so as to allow the highest maximum speed consistent with safety. Considerable heavy work will have to be done, notably in the Aix-la-Chappele forest, which will have to be cut by a tunnel, about 2.62 miles long, while the Meuse and the neighboring low ground will require a bridge nearly 1¼ miles long. About 200 bridges and 260 viaducts will be necessary to avoid grade crossings.

MEXICO.

The names of parties awarded contracts are printed in capital letters.

STREET RAILWAY.—City of Mexico.—A concession has been granted the Mexico Electric Tramways, Ltd., for the construction of new lines in the Santa Maria quarter of the city.

PORT WORKS.—San Benito.—MONTEREY STEEL CO., is reported to have secured the contract for building the port works at San Benito. Docks, steel warehouses, railway tracks, traveling cranes and other things for handling cargoes. The wharf will be a steel structure. The cost will be about $450,000.

ELECTRIC RAILWAY.—Baca, Chih. —The Cigarrere Mining Co. is preparing to build a four mile electric railway from its mines to Baca station where connection will be made with the Mexican Central R. R. L. Iwansky, of Parral, Mexico, is said to be interested.

WATER-WORKS.—Juarez.—The City Council has approved the plans for municipal water-works system and banks of state of Chihuahua will be asked to bid on bond issue of $600,000 to cover cost. Bonds will be redeemable in a year and a half or city will redeem bonds in six months. Work on construction will begin in November.

ELECTRIC PLANT.—Tampico.—Luz Electrica de Tuxpam has been organized at Tuxpam, state of San Luis Potosi, for the purpose of installing and operating a new electric light and power plant. Among those interested in the enterprise are Luis Monteto Corsi, Antonio Alvarez, Manuel Perez, Santos Gonzalez and Felix Costilla, all of Tuxpam.

PORT WORKS.—Mazatlan. — Sinaloa.—The Mexican Government has given assurance that by the time the projected railroad from Guaymas is completed to Mazatlan the government will have completed the harbor works necessary to make the port one of the best on the Pacific coast. The estimated cost of the contemplated works is $7,000,000. Natividad Gonzalez, the engineer who has made the plans for the works, is now in the City of Mexico, and the Department of Communications is studying the plans and specifications.

ELECTRIC RAILWAY.—Puebla.—The Mexican Government has granted another extension of time for the construction of an electric railway between the City of Mexico and Puebla by the Mexico & Puebla Ry. Co. It is now required that the survey for the proposed road shall be completed by Jan. 17, 1906. The first ten kilometers must be completed by Jan. 17, 1907, and the whole road finished within ten years from that date. Benjamin Barrios, Zuleta 18, City of Mexico, is Atty. for the company.

ELECTRIC RAILWAY.—Morelia, Michoacan.—Governor Mercado and Secretary of State Valdez have signed the contract on behalf of the state of Michoacan for the construction of an electric railway between the towns of Zamora and Tangancicuaro. The terms of the contract require that the plans of the proposed road shall be submitted to the state authorities for approval within three months, and that the road shall be completed within three years. Among those interested in the project are Manuel Mario Legorreta and Felipe Verduzco Garcia, of Morelia.

STREET RAILWAYS.—Guadalajara. — La Electrica, S. A., Guadalajara, owning the principal street railway system in this city, and which holds a concession from the Mexican Government to convert the lines into electric transit and to cover many other streets, has purchased Kunhardt Street Railway system which operates over about 12 kilometers of streets of Guadalajara. Plans for the improvements and extensions that are to be made to the combined systems are now being made and will be submitted by the company to Governor Miguel Ahuamada for approval on Sept. 15. It is estimated that at least $2,600,000 will have to be expended to carry out the plans of the company. Included in this sum is $400,000 which the company will have to pay to the state government for its franchise. The construction of the power plant at the Juanacatlan water falls will be the first work undertaken. It is stated that the new electric transit system will consist of twelve independent circuits, ten of which will be in the city and the other two will connect Guadalajara and the suburban towns of San Pedro and Zapopan.

CONTRACT PRICES.

[Where (*) precedes items under Contract Prices the work was advertised in Engineering News.]

SEWERS.—Clinton, Ia.—Following bids were received Aug. 24 by City Council, Chas. P. Chase, Cy. Engr., for constructing sewers in District No. 4, the price bid per lin. ft., including 732 yds. repaving, and earth excavation, the proportion of trenching in rock being ½. In addition to the bids given below, Thos. Carey, Clinton, Ia., bid on Division B, his total bid being $50,216; (1) Peoples Construction Co., Davenport, Ia., (2) HARDING & NELSON, Racine, Wis., (awarded contract), (3) J. C. Goodwin Co., Clinton, Ia., (4) W. A. Dearborn, Stone City, Ia.

Bids received at Clinton, Ia., Aug. 24, 1905, by City Council, Chas. P. Chase, City Engineer, for Constructing Sewers in District No. 4.

Items.	Quantities.	(1)	(2)	(3)	(4)
Steel and concrete, earth section, 6 ft. 3 ins. by 10 ft.	1,700 feet	$11.50	$10.35	$15.00	$11.50
Steel and concrete, rock section, 6 ft. 3 ins. by 10 ft.	380 "	8.50	7.65	11.00	7.99
Steel and concrete, rock section, 6 ft. 3 ins. by 9 ft.	1,360 "	7.55	6.80	9.60	6.99
Steel and concrete, rock section, 5 ft. 9 ins. by 8 ft.	372 "	7.50	6.75	8.55	6.95
Steel and concrete, earth section, 5 ft. 9 ins. by 8 ft.	500 "	7.85	7.05	9.85	7.99
Steel and concrete circular, 66 ins.	1,040 "	4.50	4.50	9.05	4.06
Plain concrete, rock section, 5 ft. 3 ins. by 7 ft.	400 "	4.95	4.45	7.86	4.50
Plain concrete, earth section, 5 ft. 5 ins. by 7 ft.	400 "	5.60	5.05	8.66	6.00
Plain concrete, earth section, 5 ft. 3 ins. by 6 ft.	600 "	5.35	4.80	9.50	5.00
Plain concrete, rock section, 5 ft. 3 ins. by 6 ft.	200 "	4.45	4.00	7.50	5.00
Plain concrete, rock section, 4 ft. 6 ins. by 5 ft. 6 ins.	510 "	4.10	3.70	5.00	4.00
Plain concrete, earth section, 4 ft. 6 ins. by 5 ft. 6 ins.	300 "	4.70	4.20	5.55	4.50
Plain concrete, rock section, 4 ft. 3 ins. by 5 ft.	810 "	3.52	3.15	4.00	3.25
Plain concrete circular, 60 ins.	376 "	3.65	3.25	3.20	3.50
Plain concrete circular, 57 ins.	376 "	3.25	2.95	3.00	3.00
Plain concrete circular, 51 ins.	376 "	2.80	2.50	3.00	2.75
Plain concrete, 42 ins.	786 "	2.60	2.35	3.60	2.50
Plain concrete, rock section, 40 ins.	1,050 "	2.80	2.50	2.80	2.49
Plain concrete, earth section, 40 ins.	840 "	2.80	2.50	3.20	2.49
2-ring brick circular, 48 ins.	800 "	4.60	4.15	4.00	4.14
2-ring brick, 40 ins.	480 "	3.85	3.45	3.50	3.41
1-ring brick, 42 ins.	400 "	3.30	3.00	3.00	3.20
1-ring brick, 30 ins. by 45 ins.	1,200 "	3.15	2.85	2.50	2.84
1-ring brick, 26 ins. by 39 ins.	800 "	3.00	2.70	2.00	2.65
1-ring brick, 28 ins. by 42 ins.	400 "	2.75	2.45	2.10	2.40
1-ring brick, 22 ins. by 33 ins.	410 "	2.50	2.25	1.90	2.31
Vitrified pipe, kiln run, 36 ins.	1,417 "	4.30	3.85	4.00	3.80
Vitrified pipe, kiln run, 30 ins.	2,077 "	3.60	3.65	3.60	3.80
Vitrified pipe, kiln run, 24 ins.	1,321 "	2.10	1.90	2.00	2.00
Vitrified pipe, kiln run, 22 ins.	820 "	2.10	1.90	2.10	2.00
Vitrified pipe, 18 ins.	1,871 "	1.40	1.25	1.44	1.50
Vitrified pipe, 12 ins.	200 "	1.00	.90	.90	1.00
Catch basins, complete	153	32.00	32.00	25.00	30.00
Catch basin connecting pipe, 10 ins.	3,978 feet	.85	.80	.50	.75
Manholes, complete	48	38.00	34.00	35.00	37.00
Protection bulkhead, complete		1,350.00	1,200.00	700.00	1,275.00
Riprap	2,500 sq. yds.	1.10	1.00	.50	.98
Extra concrete under railways, per cu. yd.		6.00	8.00	6.00	6.75
Rock excavation	18,600 cu. yds.	2.20	2.25	2.00	2.35
Vitrified drain tile, 8 ins.	23,872 feet	1.20	.27	.25	.35
Timber left in ditch by order of the engineer, $21 M.		21.00	21.00	21.00	21.00
Totals		$164,401	$156,732	$177,860	$172,821

*SOUTH CANAL.—Montrose, Colo.—Bids were received Aug. 28 by U. S. Reclamation Service for construction of South Canal, Uncompahgre Valley Project, all bids being taken on divisions as a whole. Orman & Crook, Pueblo, Colo., was the only bidder on all of the divisions, and with the exception of Division 15 was low on each of them. On Division 15 Samuel Treais, Montrose, Colo., submitted a bid of $60,930, while Orman & Crook bid $63,470. The unit prices bid by Orman & Crook on all of the work were as follows:

Division 10—Excavation:

Class 1	11,000 cu. yds.	$0.17
Class 2	16,000 "	.30
Class 3	10,000 "	.37
Class 4	5,000 "	.75
Overhaul	2,000 "	.02
Refilling	200 "	.50
Paving	1,100 sq. yds.	2.00
Dry rubble masonry	50 cu. yds.	5.00
Concrete:		
Class 1	1,800 "	9.00
Class 2	1,800 "	7.50
Laying pipe, 36 in.	250 lin. ft.	2.00
Furnishing and placing steel for concrete reinforcement:		
Railroad rails 40 lb.	38,000 lbs.	.05½
" " 16 lb.	41,000 lbs.	.06
Total		$51,460

Division 11—Excavation:

Class 1	6,000 cu. yds.	$0.15
Class 2	4,000 "	.30
Class 3	15,000 "	.37
Class 4	6,000 "	.75
Overhaul	5,000 "	.02
Refilling	100 "	.50
Paving	800 sq. yds.	2.00
Concrete:		
Class 1	900 cu. yds.	9.00
Class 2	700 "	7.50
Laying pipe, 24 in.	200 lin. ft.	1.75
Furnishing and placing steel for concrete reinforcement:		
Railroad rails 40 lb.	15,000 lbs.	.05½
" " 16 lb.	16,000 lbs.	.06
Total		$29,385

Division 12—Excavation:

Class 1	5,000 cu. yds.	$0.15
Class 2	4,000 "	.30
Class 3	11,000 "	.37
Class 4	6,000 "	.75
Overhaul	1,000 "	.02
Refilling	600 "	.50
Paving	1,000 sq. yds.	2.00
Dry rubble masonry	100 cu. yds.	5.00
Concrete:		
Class 1	700 "	9.00
Class 2	150 "	7.50
Laying pipe, 24 in.	100 lin. ft.	1.75
Total		$20,940

Division 13—Excavation:

Class 1	7,000 cu. yds.	$0.17
Class 2	7,000 "	.33
Class 3	14,000 "	.40
Class 4	8,000 "	.75
Overhaul	2,000 "	.02
Paving	50 sq. yds.	2.00
Dry rubble masonry	200 cu. yds.	5.00
Concrete:		
Class 1	1,000 "	9.00
Class 2	50 "	7.50
Laying pipe, 36 in. tunnel:		
Class 1	300 lin. ft.	33.00
Class 2	200 "	56.75
Total		$46.865

Division 14—Excavation:

Class 1	3,000 cu. yds.	$0.17
Class 2	3,000 "	.33
Class 3	4,000 "	.40
Class 4	3,000 "	.75
Overhaul	1,000 "	.02
Refilling	50 "	.50
Paving	100 sq. yds.	2.00
Dry rubble masonry	1,000 cu. yds.	5.00
Concrete:		
Class 1	8,000 "	9.00
Class 2	20 "	7.50
Laying pipe, 36 in.	100 lin. ft.	2.00
Tunnel:		
Class 1	200 "	33.00
Class 2	200 "	56.25
Total		$35,995

Division 15—Excavation:

Class 1	5,000 cu. yds.	$0.18
Class 2	6,000 "	.33
Class 3	10,000 "	.40
Class 4	5,000 "	.80
Overhaul	2,000 "	.02
Refilling	100 "	.50
Paving	100 sq. yds.	2.00
Dry rubble Masonry	100 cu. yds.	5.00
Concrete:		
Class 1	700 "	9.00
Class 2	50 "	7.50
Tunnel:		
Class 1	500 lin. ft.	33.00
Class 2	500 "	57.25
Total		$63,470

Division 16—Excavation:

Class 1	25,000 cu. yds.	$0.18
Class 2	25,000 "	.33
Class 3	32,000 "	.40
Class 4	10,000 "	.80
Overhaul	5,000 "	.02
Refilling	500 "	.50
Paving	1,200 sq. yds.	2.00
Dry rubble masonry	800 cu. yds.	5.00
Concrete:		
Class 1	3,900 "	9.00
Class 2	2,500 "	7.50
Laying pipe, 36 in.	100 lin. ft.	2.00
Laying pipe, 24 in.	100 "	1.75
Furnishing and placing steel for concrete reinforcement:		
Railroad rails 40 lb.	53,000 lbs.	.05½
" " 16 lb.	57,000 lbs.	.06
Total		$100,860

Division 17—Excavation:

Class 1	6,000 cu. yds.	$0.15
Class 2	6,000 "	.30
Class 3	20,000 "	.37
Class 4	8,000 "	.75
Overhaul	30,000 "	.02
Refilling	1,700 "	.50
Paving	2,300 sq. yds.	2.25
Dry rubble masonry	300 cu. yds.	5.50
Concrete		
Class 1	1,100 "	9.00
Class 2	600 "	7.50
Laying pipe, 24 in.	200 lin. ft.	1.75
Total		$39,125

Division 18—Excavation:

Class 1	9,000 cu. yds.	$0.14
Class 2	6,000 "	.30
Class 3	13,000 "	.36
Class 4	10,000 "	.75
Overhaul	2,000 "	.02
Refilling	1,200 "	.50
Paving	1,500 sq. yds.	2.50
Dry rubble masonry	700 cu. yds.	5.30
Concrete:		
Class 1	1,400 "	9.00
Class 2	700 "	7.50
Laying pipe, 24 in.	200 lin. ft.	1.75
Total		$41,305

Division 19—Excavation:

Class 1	11,000 cu. yds.	$0.14½
Class 2	6,000 "	.30
Class 3	18,000 "	.37
Class 4	10,000 "	.73
Overhaul	30,000 "	.02
Refilling	100 "	.50
Dry Rubble Masonry	200 "	5.00
Concrete:		
Class 1	1,100 "	9.00
Class 2	50 "	7.50
Total		$29,480

Division 20—Excavation:

Class 1	15,000 cu. yds.	$0.14
Class 2	5,000 "	.30
Class 3	9,000 "	.87
Class 4	5,000 "	.70
Overhaul	3,000 "	.02
Refilling	200 "	.50
Paving	900 sq. yds.	2.00
Dry rubble masonry	50 cu. yds.	5.00
Concrete:		
Class 1	700 "	8.00
Class 2	20 "	7.00
Laying pipe, 24 in.	300 lin. ft.	1.75
Total		$18,905

Division 21—Excavation

Class 1	50,000 cu. yds.	$0.14
Class 2	18,000 "	.30
Class 3	35,000 "	.37
Class 4	10,000 "	.70
Overhaul	10,000 "	.02
Refilling	200 "	.50
Paving	400 sq. yds.	2.00
Dry rubble masonry	50 cu. yds.	4.50
Concrete:		
Class 1	50 "	8.00
Class 2	50 "	7.00
Laying pipe 36 in.	400 lin. ft.	2.00
Laying pipe 24 in.	200 "	1.75
Total		$35,575
Grand Total		$513,365

For other Proposal Advertisements see pages 43, 44, 45, 46, 47, 48, of Advertisements and Construction News page 82.

POLICE TELEPHONE SYSTEM.

Kearny, N. J.

Proposals will be received up to 8 o'clock P. M. on September 27, 1905, at the office of Town Hall for a Police Telephone System for the Town of Kearny, N. J.

There will be required Twenty-two (22) telephone stations, the necessary poles, wire, and other apparatus and a switchboard and battery station located at Police Headquarters.

Contractors will offer complete proposals for this work and the Police Commissioners will reserve the right to reject any or all proposals and accept such proposals as may appear most advantageous to the Town.

Maps and other particulars can be obtained by applying at the office of the Town Clerk.

J. J. DONNELLY,
H. B. CAITHNESS,
SAMUEL WORTHINGTON,
10-1t Police Committee.

The City of New York.
Department of Street Cleaning.
New York, September 2, 1905.

CONTRACT FOR THE FINAL DISPOSITION OF GARBAGE IN THE BOROUGH OF MANHATTAN, FOR FIVE (5) YEARS, FROM AUGUST 1, 1906.

Bids for the above contract will be received at the Main Office of the Department of Street Cleaning, Nos. 13-21 Park Row, (14th floor), Borough of Manhattan, until 12 o'clock noon, Monday, November 6, 1905.

For further information as to the nature of the work and the manner and requirement of the bids, bidders should call upon the Commissioner of Street Cleaning, and should also read the advertisement of said contract now appearing in the "City Record."

JOHN McG. WOODBURY,
10-9t Commissioner of Street Cleaning.

EXTENDING ELECTRIC LIGHT PLANT.

Office of the Board of Trustees of Public Affairs,
Reading, Ohio, September 4, 1905.

Sealed proposals will be received by the Board of Trustees of Public Affairs of Reading, Ohio, at the office of the Clerk of said board, until 6 o'clock p. m. of MONDAY, the 25th day of September, 1905, for the following work and machinery for the enlargement of the Electric Light Plant of the village, to wit:

1. The installation of new boilers and the removal of the old ones.

2. The installation of a new engine and the resetting of the old one, and the necessary steam pipe work for both engines.

3. The installation of electrical generators, switchboard, arc lamps, station wiring and station instruments.

Each proposal must be accompanied by a cash deposit, or a certified check, in a sum equal to ten (10) per cent. of the amount bid.

Checks to be made payable to the Board of Trustees of Public Affairs of Reading, Ohio. Said deposits to be made as a guarantee of good faith that the party making the proposal will within five days, if the contract is awarded to him or them, execute the same with approved security, after which the sum so deposited will be returned.

In the event of any bidder failing to execute the contract after the work has been awarded to him or them such bidder shall forfeit the same so deposited.

Bids will be entertained for the work as an entirety, and also separate proposals as per specifications for the different divisions enumerated above.

To insure a faithful completion of the work the contractor for any division thereof will be required to give bond in an amount equal to his bid, and the contractor for the entire work an amount equal to double the cost of same.

Copies of specifications, forms of the proposals and contracts will be furnished bidders on or about September 15, 1905, upon application to the Clerk of the Board or its Engineer, and the plans of the power house which is to receive the machinery can be seen at the office of the Superintendent of the Electric Light Plant, also at the office of the Engineer.

The Board of Trustees reserve the right to award the contract to such bidder who, in their opinion, offers the most suitable design of the machinery, lamps, etc., for the service required, and they further reserve the right to reject any and all bids.

F. J. VORJOHAN, Pres't,
JOHN GOLDSCHMIDT,
FRANK WEIS,
The Board of Trustees of Public Affairs.
C. V. DILS, Clerk.
GEO. HORNUNG, Consulting Engineer,
10-2t 612 Johnston Building, Cincinnati, O.

The Board of Rapid Transit Railroad Commissioners.
Room 401, No. 320 Broadway, New York
September 5th, 1905.

TO CONTRACTORS.
WASH BORINGS.

SEALED BIDS OR PROPOSALS will be received by the Board of Rapid Transit Railroad Commissioners at the above office until 12 o'clock noon, on WEDNESDAY, SEPTEMBER 20TH, 1905, at which place and hour the bids will be publicly opened and read; the award of the contract, if awarded, will be made by the Board of Rapid Transit Railroad Commissioners as soon thereafter as practicable, for making wash-borings on the lines of proposed Rapid Transit Railway Routes in the City of New York, Boroughs of Manhattan, The Bronx, Brooklyn and Queens, including also wash-borings on the limits of such routes as pass under the East and Harlem Rivers and other navigable waterways.

The security required will be Five thousand dollars.

Contract will be required to be completed on or before December 31, 1905.

No bid will be received or considered unless accompanied by either a certified check upon one of the State or National banks of the City of New York, drawn to the order of the Comptroller, or money, to the amount of $600.

Copies of a pamphlet containing further information for bidders, forms of proposal and Contract, Specifications and forms of Bonds and Certificates, and sets of lithographs of the contract drawings, can be obtained from the office of the Board on application.

ALEXANDER E. ORR,
President.
BION L. BURROWS,
Secretary. 10-2t

INTAKE TUNN[illegible] LAWRENCE AV[illegible]

Departm[illegible] Public Works,
Chicago, [illegible]gust 31st, 1905.

Sealed proposals wil[illegible] received by the City of Chicago until [illegible] A. M., Saturday, September 23d, 1905, at [illegible]m 222, City Hall, for furnishing all labor [illegible] material and for building approximately [illegible] feet of 14 x 20 foot tunnel, under the [illegible] water of Lake Michigan, from and con[illegible]ng with present tunnel now in Lawrence [illegible]e at shore line of Lake Michigan, East[illegible] in the City of Chicago, according to Pla[illegible] Specifications on file in the office of the [illegible]rtment of Public Works of said City, R[illegible] 220, City Hall.

Proposals must be made [illegible] upon blanks furnished at said office, [illegible] be addressed to said Department, indorsed [illegible]roposals for Intake Tunnel, Lawrence [illegible]" and be accompanied with ten th[illegible] dollars in money or a certified ch[illegible] for the same amount on some responsib[illegible]k located and doing business in the City [illegible] Chicago and made payable to the orde[illegible] the Commissioner of Public Works.

The Commissioner of Pub[illegible] Works reserves the right to reject any or a[illegible].

No proposal will be con[illegible]ed unless the party offering it shall furn[illegible] evidence satisfactory to the Commissioner [illegible] Public Works of his ability, and that he h[illegible] the necessary facilities together with suf[illegible]ent pecuniary resources to fulfill the conditions of the Contract and Specifications, provided such Contract should be rewarded to him.

Companies or firms bidding will give the individual names as well as the name of the firm with their address.

J. M. PATTERSON,
10-2t Commissioner of Public Works.

SEWERS.

Norristown, Pa.

Sealed proposals will be received by the undersigned at the Borough Engineer's Office, City Hall, Norristown, Pa., until 7.30 P. M., October 10, 1905, for the construction of the sanitary sewers and laterals as provided by ordinance of July 22, 1905. The contractor to furnish all pipe, flush tanks, castings, etc., as shown upon the plans on file in the Engineer's Office. Blue prints will be furnished at cost.

The work includes in approximate quantities the following principal items:

63,830 feet of 8" vitrified pipe main sewer.
7,270 feet of 10" vitrified pipe main sewer.
2,180 feet of 12" vitrified pipe main sewer.
2,780 feet of 15" vitrified pipe main sewer.
269 manholes and 86 flush tanks.

The proposals must be accompanied by a certified check to the order of Edwin Metcalf, Borough Treasurer, for 10% (per cent.) of amount of main sewer contract.

The Committee reserves the right to reject any or all bids.

WM. J. WELLS,
Chairman of Sewer Committee.
S. CAMERON CORSON,
Borough Engineer. 10-4t

U. S. ENGINEER OFFICE, 57 Park St., Grand Rapids, Mich., Sept. 4, 1905.—Sealed proposals for Extension of Piers at Holland (Black Lake), Mich., will be received here until 3 P. M., October 4, 1905, and then publicly opened. Information furnished on application. M. B. ADAMS, Col., Engrs. 10-4t

OFFICE OF CONSTRUCTING OFFICER, U. S. SOLDIERS' HOME, Washington, D. C., August 30, 1905.—Sealed proposals will be received here until noon, September 30, 1905, for Excavation and Grading, Building a Cement Shed, for Concrete Work, furnishing Bricks, Concrete Materials, Sand, Hydrated Lime and Cement, for new Mess Hall Building at the U. S. Soldiers' Home, Washington, D. C. Information on application. JOHN STEPHEN SEWELL, Capt., Engrs., Constructing Officer. 10-4t

SITUATIONS OPEN

WANTED.—Young man to learn the contracting business, technical graduate preferred; low salary to start; good opportunity for advancement; state age, experience, if any, lowest salary, etc. Address "M. A. 10," Engineering News, New York. 10-1t

WANTED.—At once, two first-class dimension quarry foremen for granite quarry in North Carolina. Address GILLESPIE COMPANY GRANITE QUARRY, North Carolina. 10-1t

A Liverpool, England Commission Agent

wishes an **Additional Agency** to work with present lines. **Twenty-six years' connection among Ironmongers, Contractors, etc.** Understands import and distribution of goods. Could handle American goods to advantage in the United Kingdom. References furnished and required. Apply to

"L. A. 10," Engineering News
New York 10-3t-eow

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PLANS AND

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Bids close Sept.	Work.
*15	Pellers..Garr
16	Hoist..Washin
*18	Ditch work..
18	Intake..Albo
*20	Wash borings.
23	Dredging..We
*27	Pipe sewers.
*29	Filters, basin
Oct.	
*3	Bridge..Natch
*4	Paving..Steel
*16	Water-works.

*Work advertise

NOTE.—We are
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Bids close.

LIGHT.

Sept. 15. Electric
Sept. 15. Electric
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Sept. 25. Street
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Advertised.
Sept. 27. Wiring.
Sept. 30. Power
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Nov. 1. Generat
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Dec. 2. Water
Advertise
No date. Gas pl

Sept. 11. Culvert
Sept. 14. Floorin
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